Boston Region Metropolitan Planning Organization

Transportation Improvement Program and Air Quality Conformity Determination Fiscal Years 2006–2010

Transportation Improvement Program and Air Quality Conformity Determination

Fiscal Years 2006–2010

Cover: Fairmount Station

Central Transportation Planning Staff

Directed by the Boston Region Metropolitan Planning Organization, which is composed of the:

Executive Office of Transportation
Massachusetts Bay Transportation Authority
Massachusetts Bay Transportation Authority Advisory Board
Massachusetts Highway Department
Massachusetts Port Authority
Massachusetts Turnpike Authority
Metropolitan Area Planning Council
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City of Everett
City of Newton
City of Salem
Town of Bedford
Town of Framingham
Town of Hopkinton
Federal Highway Administration (nonvoting)
Federal Transit Administration (nonvoting)
Regional Transportation Advisory Council (nonvoting)

Boston Region Metropolitan Planning Organization Communities

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Chapter 1
The 3C Process

In order to be eligible for federal funds, urbanized areas are required to maintain a continuing, cooperative, and comprehensive (3C) transportation planning process that results in plans and programs consistent with the planning objectives of the metropolitan area.[1]

The 3C transportation planning process in the Boston region is the responsibility of the Boston Region Metropolitan Planning Organization (MPO), which has established the following objectives for the process:

- To identify transportation problems and develop possible solutions to them.
- To strike a balance between short-range and long-range considerations so that beneficial incremental actions undertaken now reflect an adequate understanding of probable future consequences and possible future options.
- To take into account, in the analysis of project issues, both regional and local considerations and both transportation and nontransportation objectives and impacts.
- To assist implementing agencies in putting policy and project decisions into effect in a timely fashion, with adequate consideration of environmental, social, fiscal, and economic impacts and with adequate opportunity for participation by other agencies, local governments, and private citizens.
- To assist implementing agencies in assigning priorities to transportation activities in a manner consistent with the region's needs and resources.
- To maintain compliance with the requirements of the Transportation Equity Act for the 21st Century (TEA-21), the Americans with Disabilities Act (ADA), the Clean Air Act, Title VI of the Civil Rights Act of 1964, and Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.

Certification Documents

As part of its 3C process, the Boston Region MPO produces an annual Transportation Improvement Program (TIP). The TIP is one of three documents the MPO must produce in order for its process to be certified as meeting federal requirements; this certification is a prerequisite to the receipt of federal transportation funds. The following is a brief description of each of these documents:

- The ***Unified Planning Work Program (UPWP)*** describes a fiscal year's transportation-related planning activities and sets forth budgets for projects using Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) planning funds. The UPWP identifies the funding used to carry out each component of the transportation planning process in the region,

[1]Section 134 of the Federal Aid Highway Act and Section 5303 of the Federal Transit Act, as amended.

including production of the Regional Transportation Plan, the Transportation Improvement Program, and their Air Quality Conformity Determinations.

- The ***Regional Transportation Plan and Air Quality Conformity Determination*** states the MPO's transportation policies and goals, describes the public participation process for transportation planning, assesses the current state of the region's transportation system, estimates future needs and resources, and lays out a program for preserving and expanding the system for the upcoming 20-year period.

- The ***Transportation Improvement Program and Air Quality Conformity Determination (TIP)*** is a staged, multiyear, intermodal program of transportation improvements that is consistent with the Regional Transportation Plan. It describes and prioritizes transportation projects expected to be implemented during a five-year period. The TIP contains a financial plan showing the revenue source or sources, current or proposed, for each project. While the federal government requires each MPO to produce a TIP at least once every two years, the Boston Region MPO produces one annually. An MPO-endorsed TIP is incorporated into the State Transportation Improvement Program (STIP) for its submission to FHWA, FTA, and the Environmental Protection Agency (EPA) for approval. One function of the TIP is to serve as a tool for monitoring progress in implementing the Regional Transportation Plan.

The Boston Region Metropolitan Planning Organization

The MPO region encompasses the 101 cities and towns identified in the map on page ii of this document. The MPO is composed of 14 voting members and 3 nonvoting members. The 14 voting members are:

- ***Executive Office of Transportation****:* EOT, under Chapter 6A of the Massachusetts General Laws (MGL), serves as the principal agency for developing, coordinating, administering, and managing transportation policies, planning, and programs related to design, construction, maintenance, and operations. The agency is also responsible for supervising and managing the Massachusetts Highway Department, the Massachusetts Aeronautics Commission, the Massachusetts Bay Transportation Authority, the Massachusetts Turnpike Authority, the Massachusetts Port Authority, and the commonwealth's regional transportation authorities.

  Chapter 6A of the MGL also establishes an Office of Transportation Planning within the EOT to serve as the principal source of planning for state-level transportation projects and work, in coordination with the commonwealth's MPOs, which serve as the principal source of planning for local and regional transportation projects.

- ***Massachusetts Bay Transportation Authority****:* The MBTA has the statutory responsibility, under the provisions of Chapter 161A, MGL, of preparing the engineering and architectural designs for transit development projects, constructing and operating transit development projects within its district, and operating the public transportation system. Chapter 127 of the Acts of 1999 revises the legislative authority of the MBTA by providing for forward funding of the MBTA and the restructuring of the MBTA district. The MBTA district encompasses 175 municipalities, including

all 101 cities and towns within the Boston region MPO area. The MBTA board consists of a chairman and eight other directors, all appointed by the governor.

- ***Massachusetts Bay Transportation Authority Advisory Board****:* The Advisory Board was created by the Legislature in 1964 through the same legislation that created the MBTA; this legislation was updated as part of Chapter 127 of the Acts of 1999. The Advisory Board consists of representatives of the 175 cities and towns that comprise the MBTA district. Cities are represented by either the city manager or mayor, and towns are represented by the chairperson of the board of selectmen. Specific responsibilities of the Advisory Board include review of proposed fare increases, approval of the Program for Mass Transportation (PMT), annual review of the MBTA Capital Investment Program, review of the MBTA report on net operating investment per passenger, and approval of the MBTA operating budget, with the authority to reduce funding items.

- ***Massachusetts Highway Department****:* MassHighway has the statutory responsibility of, designing, constructing, operating, and maintaining the commonwealth's roads and bridges, and is charged with collaborating with other agencies and authorities in fields related to transportation development, public safety, and security. MassHighway is under the direction of a commissioner who is appointed by the governor.

- ***Massachusetts Turnpike Authority****:* MassPike is authorized to own, construct, maintain, improve, repair, operate, and administer the Massachusetts Turnpike and the Metropolitan Highway System (MHS), as established under Chapter 3 of the Acts of 1997. The MHS consists of the Massachusetts Turnpike Extension (the turnpike from the Route 128 interchange to downtown Boston); the South Boston Bypass Road; the Callahan, Sumner, and Ted Williams Tunnels; the I-90 Connector; the Central Artery; and the Central Artery North Area.

- ***Massachusetts Port Authority****:* Massport has the statutory responsibility, under Chapter 465 of the Acts of 1956, as amended, of planning, constructing, owning, and operating such transportation facilities and related facilities as may be necessary for the development and improvement of commerce in Boston and the surrounding metropolitan area. Massport owns and operates the seaport, Logan International and Hanscom airports, the Tobin Bridge, and other facilities.

- ***Metropolitan Area Planning Council****:* MAPC is composed of the chief executive (or her/his designee) of each of the 101 cities and towns in the MAPC district, which coincides with the Boston Region MPO area; 21 gubernatorial appointees; and 12 ex officio members. It has statutory responsibility for comprehensive regional planning in the Boston region under Chapter 40B of the Massachusetts General Laws. It is the Boston Metropolitan Clearinghouse under Section 204 of the Demonstration Cities and Metropolitan Development Act of 1966 and Title VI of the Intergovernmental Cooperation Act of 1968. It also has been designated an economic development district under Title IV of the Public Works and Economic Development Act of 1965, as amended. MAPC's responsibilities for comprehensive planning include technical assistance to communities, including assistance to communities in the review of documents and programs for public relations, and the development of studies on zoning, land use, demographics, and environmental matters.

The MAPC subregional groups bring together representatives (usually appointed or elected officials) of the communities within a subregion, who share concerns regarding transportation and land use. MAPC has promoted and supported the formation of subregions in order to foster better communication and cooperation among communities. The subregional groups have become an important voice in the MPO region's participatory process. Their role includes providing input into the assignment of priorities to TIP and UPWP projects for their subregions.

- ***City of Boston; three elected cities—currently Everett, Newton, and Salem; and three elected towns—currently Bedford, Framingham, and Hopkinton****:* These members represent the region's 101 municipalities on the MPO. The City of Boston is a permanent MPO member. Each year, one city and one town are elected to three-year terms.

The MPO's ***Transportation Planning and Programming Committee***, acting on behalf of the MPO members, meets regularly to provide ongoing coordination of planning efforts taking place within the region. It consists of a representative from each MPO member, with the EOT representative serving as chairperson.

The Transportation Planning and Programming Committee oversees the development of the TIP, provides direction to the ***Central Transportation Planning Staff (CTPS)***, and approves new CTPS hires. CTPS is an independent staff created to provide the MPO and other members of the transportation community with planning, analysis, and informational products and services, including many of those essential for supporting the 3C transportation planning process in the Boston region.

Three other members participate in the MPO in a nonvoting capacity, reviewing all Regional Transportation Plans, Transportation Improvement Programs, Unified Planning Work Programs, and air quality conformity determinations to ensure compliance with federal planning and programming requirements:

- ***Federal Highway Administration*** **and** ***Federal Transit Administration****:* FHWA and FTA oversee the highway and transit programs of the Department of Transportation under pertinent legislation and the provisions of the Transportation Equity Act for the 21st Century.

- ***Regional Transportation Advisory Council****:* As the MPO's citizen advisory group, the Advisory Council provides the opportunity for regional organizations and the Council's municipal representatives to become actively involved in the decision-making processes of the MPO. The Advisory Council reviews, comments on, and makes recommendations regarding certification documents. It also serves as a forum for the identification of issues and alternatives, advocates solutions to the region's transportation needs, and generates public interest and knowledge in transportation planning. While it is an advisory member of the MPO, it is a voting member of the MPO's Transportation Planning and Programming Committee.

Chapter 2
The TIP Process

Overview of the Transportation Improvement Program Process

The Transportation Improvement Program (TIP) is an agreed-upon list of specific, prioritized transportation projects in the Boston region. The steps taken by the MPO to create the document are:

Fiscal Constraint

The Executive Office of Transportation estimates the amount of federal aid expected to be apportioned to the state for each fiscal year covered by the TIP. The state allocates sufficient federal aid to fund the needs of the Central Artery/Tunnel Project and statewide transportation programs. The remaining federal aid is allocated to the 13 Massachusetts MPOs.

Project Evaluation

The MPO and MAPC solicit local communities for projects to be included in the TIP and funded with federal highway funds, while the regional transit authorities, the MBTA, and the Cape Ann Transportation Authority submit projects to be funded with federal transit funds. The MPO gathers data on the projects from various sources and evaluates projects.

Draft Transportation Improvement Program Review

The MPO develops a financially constrained draft TIP that conforms to air quality requirements. The MPO circulates the draft document for public review and comment.

Transportation Improvement Program Approval

After the MPO considers public comments and makes any necessary changes in response, the TIP is endorsed at a public MPO meeting.

Adjustments and Amendments

Because project schedules and costs and the financial constraints of the TIP may change during the course of the fiscal year, the TIP may be modified after it has been adopted.

Fiscal Constraint

Federal Framework

Unlike most federal funding, highway funding is not committed to a program or project on the basis of the annual appropriations act. The first step in the process of allocating federal highway funds is for a multiyear transportation authorization act to establish a maximum level of federal transportation funding per fiscal year. The establishment of this level of funding is referred to as an *authorization.*

Once the authorization level has been established, the United States Department of Transportation annually allocates such funding among the states, based upon various federal formulas. This allocation is referred to as an *apportionment*. The annual apportionment rarely represents the actual amount of

federal funds which can be committed by a state, due to federally imposed limitations on spending in a given fiscal year called *obligation authority*.

Obligation authority may be imposed in a multiyear authorization act, in the annual appropriations act, or in both, in which case the most recent enactment controls. Obligation authority is typically less than a state's apportionment. In Massachusetts, TIPs are developed based on the estimated obligation authority.

Two of the most important distinctions between apportionment and obligation authority are: (1) apportionment is allocated on a per-program basis, while obligation authority is generally allocated as a lump sum; and (2) unused apportionment carries forward into successive fiscal years, but unused obligation authority does not. Unused apportionment that is carried forward is referred to as an *unobligated balance.* Although a state's unobligated balance can be used to increase the federal aid programmed within a particular funding category in a given year, it cannot be used to increase the total amount of the state's highway apportionment.

In Massachusetts

Federal regulations require states to "provide MPOs with estimates of Federal and State funds which the MPOs shall utilize in developing financial plans" for TIPs.[1] In Massachusetts, several allocations such as the Central Artery/Tunnel Project, the Statewide Infrastructure Program, Statewide and Regional Planning, and change orders for existing contracts occur prior to the establishment of regional programming targets for federal highway funds. After these needs are satisfied, the remaining federal apportionment is allocated for programming among the state's MPOs based upon programming targets developed by the Massachusetts Association of Regional Planning Agencies.

In addition, the Commonwealth authorizes the Boston Region MPO to program non–federal aid funds (projects funded with 100% state funds). The total amount of non-Artery highway funds, both federal and state, programmed in the first three years of the fiscal years 2006–2010 Boston Region MPO TIP, is approximately $472.5 million, including approximately $24 million in funds earmarked for specific projects by Congress.

Federal transit funds may be allocated to the MPOs or directly to the appropriate transit agency. In the Boston region, the designated recipient of the preponderance of federal transit funds is the Massachusetts Bay Transportation Authority (MBTA). The MBTA receives funding annually under two transit formula programs, Section 5307 (transit capital) and Section 5309 (rail modernization). The TIP programs formula funds in each fiscal year based upon the MBTA's best estimate of funding availability. The total amount of the federal formula funding for transit, plus the required match, programmed in the first three years of the fiscal years 2006–2010 TIP, is approximately $914.5 million.

In addition, the MBTA qualifies for discretionary funding under the Section 5309 New Starts program. Unlike formula funding, Section 5309 discretionary funding is generally prohibited by federal

[1] 23 Code of Federal Regulations (CFR) 450.324(e).

regulations from being included in the first year of a TIP, unless and until such funding is actually committed.

Funding Programs

Many federal-aid transportation programs support transportation activities in metropolitan areas, each having different requirements and program characteristics. Non–federal aid (state funds) for the statewide road and bridge program and the Central Artery/Tunnel Project, is derived from various sources, including the Commonwealth's Transportation Bond Bill.

Federal programs that fund projects in the fiscal years 2006–2010 TIP are listed in the following table.

Federal-Aid Highway Programs

Abbreviation	Program	Eligible Uses
Bridge	Bridge Replacement and Rehabilitation	Replacement and rehabilitation of any public bridge.
CMAQ	Congestion Mitigation and Air Quality Improvement	A wide range of projects in air quality nonattainment and maintenance areas for ozone, carbon monoxide, and small particulate matter that reduce transportation-related emissions.
IM	Interstate Maintenance	Resurfacing, restoring, and rehabilitating routes on the interstate highway system.
NHS	National Highway System	Interstate routes, major urban and rural arterials, connectors to major intermodal facilities, and the national defense network.
STP	Surface Transportation Program	Broad range of surface transportation capital needs, including many roads; transit, sea, and airport access; and vanpool, bicycle, and pedestrian facilities.
HPP	High Priority (Demonstration) Projects	Funds identified for a specific project.
Various	Discretionary Funding	Funds identified for specific projects in annual appropriations.

Federal Transit Administration Programs

	Program	Eligible Uses
Section 5309	Capital Investment	New starts or extensions to existing fixed-guideway systems, fixed-guideway modernization, and bus and related facilities.
Section 5307	Urbanized Areas	Capital and preventive maintenance; 1% must go to transit enhancements.
Section 3037	Job Access and Reverse Commute Program	Capital and operating costs of job-access transportation services.
Various	Discretionary Funding	Funds identified for specific projects in annual appropriations.

Project Evaluation

Overview

The MPO uses evaluation criteria to make the process of selecting projects for programming in the TIP both more logical and more transparent. There are threshold, evaluation, and readiness criteria; each type of criteria is used in one of the three steps of the project selection process.

All projects are required to show consistency with the Regional Transportation Plan and other statewide and regional plans (for example, the Program for Mass Transportation and the Massachusetts Statewide Bicycle Transportation Plan). The evaluation process assesses factors such as the condition of infrastructure, safety issues, mobility factors, and issues of regional and local concern (community character, land use, economic development, and the environment). For evaluation purposes, projects are segregated by type. For example, arterial highway projects are compared to each other, but are not compared to enhancement projects.

MPO staff evaluate each project considered for inclusion in the TIP based upon the criteria that were used as input into this year's TIP development. Other inputs include project readiness and community support. Additional background information on the TIP project evaluation process is provided on the MPO's Web site, www.bostonmpo.org. The MPO will review the effectiveness of this evaluation method and make any appropriate alterations to the process. The MPO welcomes observations about the evaluation process from the public.

Outreach on Projects and Contacts (December 2004)

On December 15 the MPO mailed each municipality a list of projects in that community known to the MPO. Communities were asked to identify which projects the MPO should consider for the fiscal years 2006–2010 TIP and to name a TIP contact person for their community.

Data Collection (December 2004–April 2005)

The MPO gathered data about projects from various sources. The information included: pavement condition, average daily traffic counts, crashes, land use, environmental justice information (related to low-income and minority populations), Congestion Management System data, and project development status. The information was used to fill out project information forms for each project (please see Appendix B for a detailed description of the project information forms).

The 348 project information forms requested by project proponents were mailed to proponents early in February 2005. The proponents were asked to review and update the forms and identify their priorities. Completed forms were returned to MPO staff in March.

On April 1 the MPO held Agency TIP Input Day for the state agencies to present their priorities to Transportation Planning and Programming Committee members. On April 7 the MPO held Municipal TIP Input Day, giving municipalities an opportunity to present their top priorities. At the April 7 meeting, dedicated to gathering project information, representatives of 42 communities discussed over 90 projects with members of the committee.

Evaluation of Projects (April–May 2005)

The MPO's evaluation system accounts for all of the information gathered and distills it into ratings in transportation categories (condition, safety, and mobility) and other categories (community impacts, land use, economic development, and environmental). The cost-effectiveness of projects is not rated, but is noted.

The overall rating assigned to a project was based on how its ratings in these categories compared to those of other projects of the same type. First, the project was rated in subcategories with scores from zero to three (except for community impact subcategories and environmental subcategories, which were scored from negative three to positive three). Then the project's average score for each subcategory was compared to the average for all other projects of the same type, yielding an average score for each category. The comparison was done using a normal distribution (bell curve). The top 16% of the projects were given the rating "high," the middle 68% the rating "medium," and the bottom 16% the rating "low" in each of the seven categories.

After a project was rated as high, medium, or low in each of the seven categories, numerical values were assigned to those ratings to obtain an overall average score for each project. High, medium, and low overall ratings were assigned, using the normal distribution process.

For more details on the rating method, including how each project was given evaluation ratings for the transportation categories and other categories, see Appendix A.

Where no information was available, the category or subcategory score remained blank. Blank category scores did not count against the average; however, projects with fewer than four of the seven possible categories rated were not given an overall rating.

Summary and Application of Results (May–June 2005)

The Transportation Planning and Programming Committee discussed the results of the evaluation. The committee examined them in summary formats that showed each project's overall rating and its composite ratings for transportation and other-impacts categories. It then used the ratings as a tool for formulating draft scenarios of projects for the TIP.

Draft Transportation Improvement Program Review

On June 23, 2005, the Transportation Planning and Programming Committee of the Boston Region MPO released the draft fiscal years 2006–2010 TIP for a 35-day public review period. The MPO invited citizens and officials of the Boston region to review the proposed program. Summaries of comments received on the draft TIP are located in Appendix E.

Transportation Improvement Program Approval

The MPO approved the fiscal years 2006–2010 TIP at a public meeting on August 11, 2005.

Adjustments and Amendments

The TIP is a dynamic program that is amended and adjusted throughout the year. Projects or programs may be deferred due to project delays or financial constraints.

Affected communities and constituencies are notified of pending amendments. Legal notice of amendments is placed in the region's major newspaper and is also included on the MPO's Web site. Notice of a pending amendment is posted 35 days in advance of MPO action. The subscribers to the MPOINFO listserve are notified and provided with a schedule of meetings for consideration of potential amendments. Community representatives and members of the public may attend the Transportation Planning and Programming Committee and MPO meetings at which amendments are discussed, and may submit written or oral testimony.

The Transportation Planning and Programming Committee may also adjust the TIP. Adjustments may include changing project funding by less than 20 percent of the project cost, moving projects between fiscal years in a TIP, and making text changes. Notice of a pending adjustment is posted 15 days in advance of Transportation Planning and Programming Committee action. The Transportation Planning and Programming Committee may modify the TIP and waive the public comment period if necessary.

Because the print version of the TIP cannot reflect all of the changes to the program throughout the year, the Boston Region MPO Web site (www.bostonmpo.org) is the best place to find current information about the TIP.

TIP Information on the Web

All draft and approved actions on the TIP are available on the Boston Region MPO Web site. The Transportation Improvement Program button is located on the Boston Region MPO home page, under "Reports, Studies, and Documents." All annual documents, including amendments and adjustments, are available in the "Current and Past TIPs" section. Comments or questions on draft materials may be submitted directly through the Web site.

Chapter 3
Project Information: Fiscal Years 2006–2010

KEY

This chapter lists information about the projects by fiscal-year element. For each element, the roadway projects are listed first and transit projects follow.

The information for each project is presented in the following format:

Municipality **Project** **ID number**

Description

Funding Program
Air Quality Status
TIP Category

Project cost

Municipality(ies): The community (or communities) in which a project is located.

Project: The location or name of the project

ID number: Projects in MassHighway's project tracking system are given a six-digit number; those projects not in the project tracking system, including all transit projects, have no number. Transit projects are identified by regional transit agency.

Description: The description of the project.

Funding program: The funding program of the project. Projects funded in multiple funding programs have a separate listing for each funding program. A description of the various funding programs is found in Chapter 2.

Air quality status: The air quality status of the project in the MPO's regional transportation model.

TIP category: The category of the project for purposes of applying criteria for project evaluation.

Project cost: The total cost of the project.

Fiscal Year 2006

Regional Highway Program

Federal-Aid Target Projects

Congestion Mitigation and Air Quality Improvement Program			*Federal Funds*	*State Funds*	*Total Funds*
Framingham	602046	Franklin Street	$336,000	$84,000	$420,000
Quincy	603391	Burgin Parkway	$14,400,000	$3,600,000	$18,000,000
Reading	602617	Route 28 (Main Street)	$1,600,000	$400,000	$2,000,000
			Federal Funds	*Local Funds*	*Total Funds*
Boston		Boston Traffic Management Center Operations	$286,000	$71,500	$357,500
Boston Region		Regional Transportation Demand Management Program	$200,000	$50,000	$250,000
Boston Region		Suburban Mobility Improvement Program	$520,000	$130,000	$650,000
Boston Region		Improving the Region's Bicycle Parking Infrastructure Program	$320,000	$80,000	$400,000
			Federal Funds	*MBTA Funds*	*Total Funds*
Boston Region		MBTA Bus Emissions Monitoring and Control Program	$880,000	$220,000	$1,100,000
		Congestion Mitigation and Air Quality Improvement Program Total	**$16,622,000**	**$4,155,500**	**$23,177,500**
		CMAQ Regional Target			**$10,741,776**

National Highway System			*Federal Funds*	*State Funds*	*Total Funds*
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year One	$1,600,000	$400,000	$2,000,000
Canton, Randolph, Westwood	087800	Route 128 Improvement Program Contract 6, Year One	$2,400,000	$600,000	$3,000,000
Randolph to Wellesley		Route 128 Improvement Program (Design)	$2,000,000	$500,000	$2,500,000
		National Highway System Total	**$6,000,000**	**$1,500,000**	**$7,500,000**

Surface Transportation Program			*Federal Funds*	*State Funds*	*Total Funds*
Essex	600217	Route 133 (Main Street)	$1,200,000	$300,000	$1,500,000
Foxborough, Norfolk & Wrentham	602496	Route 115 (Pond/Pine Street)	$1,840,000	$460,000	$2,300,000
Framingham	602046	Franklin Street	$3,504,000	$876,000	$4,380,000
Hanover	114501	Route 53, Phase 1B	$3,200,000	$800,000	$4,000,000
Natick & Wellesley	601586	Route 9 /Oak Street	$480,000	$120,000	$600,000
Newton	601899	Route 30 (Commonwealth Avenue), Phase Three	$2,592,000	$648,000	$3,240,000
Reading	602617	Route 28 (Main Street)	$2,907,816	$726,954	$3,634,770
Saugus	601513	Route 1-Walnut Street	$5,360,000	$1,340,000	$6,700,000
Watertown	601686	Pleasant Street and Howard Street	$3,629,120	$907,280	$4,536,400
		Surface Transportation Program Total	**$24,712,936**	**$6,178,234**	**$30,891,170**

Surface Transportation Program/Enhancement			*Federal Funds*	*State Funds*	*Total Funds*
Bedford	603949	Depot Park Freight House	$280,282	$70,071	$350,353
Belmont, Cambridge & Somerville	600811	Bicycle Facility	$960,000	$240,000	$1,200,000
Boston		South Bay Harbor Trail (Design)	$280,000	$70,000	$350,000
Newton		Route 30 (Commonwealth Ave.), Phase Three	$639,524	$159,881	$799,405
Peabody	602341	Bikeway & Greenway	$2,240,000	$560,000	$2,800,000
		Surface Transportation Program/Enhancement Total	**$4,399,806**	**$1,099,952**	**$5,499,758**

Boston Region MPO Regional Target with State Match	**$66,650,034**
Total Regional Target Programming	**$67,068,428**

Federal-Aid Bridge Projects

Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Concord	601442	Monument Street Bridge	$1,920,000	$480,000	$2,400,000
Concord	603906	Sudbury Road Bridge	$1,190,400	$297,600	$1,488,000
Danvers	601918	Route 35 (Water Street) Bridge	$2,572,000	$643,000	$3,215,000
Dedham	601087	Route 109 (Bridge Street) Bridge	$2,800,000	$700,000	$3,500,000
Framingham	602839	Central Street Bridge	$1,440,000	$360,000	$1,800,000
Marlborough	603506	Two Bridges	$1,160,000	$290,000	$1,450,000
Revere & Saugus	118160	Route 107/Pines River Bridge	$12,640,000	$3,160,000	$15,800,000
Somerville	602219	Cross Street Bridge	$1,760,000	$440,000	$2,200,000
Wellesley	604007	Cedar Street Bridge	$1,868,800	$467,200	$2,336,000
Weston	602534	Recreation Road Bridge	$1,872,000	$468,000	$2,340,000
		Bridge Total	**$29,223,200**	**$7,305,800**	**$36,529,000**

Major Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston		Chelsea Street Bridge, Year One	$800,000	$200,000	$1,000,000
Canton & Dedham	602288	Route 128 Improvement Program Contract 1, Year Four	$10,000,000	$2,500,000	$12,500,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year One	$800,000	$200,000	$1,000,000
		Major Bridge Total	**$11,600,000**	**$2,900,000**	**$14,500,000**

Fiscal Year 2006

Regional Highway Program (continued)

Advance Construction Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston & Everett	603370	Route 99 (Alford Street) Bridge, Year Two	$6,400,000	$1,600,000	$8,000,000
Dedham & Westwood	603162	Route 128 Improvement Program Contract 3, Year Two	$2,600,000	$650,000	$3,250,000
Waltham	601498	Winter Street Bridge, Year Three	$6,800,000	$1,700,000	$8,500,000
		Advance Construction Bridge Total	**$15,800,000**	**$3,950,000**	**$19,750,000**
		Federal-Aid Bridge Total			**$70,779,000**

Federal-Aid Major Infrastructure and Statewide Categories

Interstate Maintenance		*Federal Funds*	*State Funds*	*Total Funds*
Boston, Milton & Quincy	Interstate 93	$6,750,000	$750,000	$7,500,000
Hopkinton, Southborough & Westborough	Interstate 495	$6,300,000	$700,000	$7,000,000
Newton, Wellesley & Weston	Interstate 95	$6,750,000	$750,000	$7,500,000
	Interstate Maintenance Total	**$19,800,000**	**$2,200,000**	**$22,000,000**
	Federal-Aid Major Infrastructure and Statewide Categories Total			**$22,000,000**

Federal-Aid Non-Target Projects

High-Priority Project (TEA-21)		*Federal Funds*	*State Funds*	*Total Funds*
Boston	Huntington Avenue	$3,200,000	$800,000	$4,000,000
Weymouth	East-West Parkway Design	$1,600,000	$400,000	$2,000,000
	High-Priority Project Total	**$4,800,000**	**$1,200,000**	**$6,000,000**

Section 115		*Federal Funds*	*State Funds*	*Total Funds*
Beverly & Salem	Intermodal Facilities	$1,100,000	$0	$1,100,000
Boston	Harbor Islands National Park Access	$2,250,000	$0	$2,250,000
Boston	Harbor Islands National Park Long Island Pier Reconstruction	$300,000	$0	$300,000
Cambridge	Lechmere Station Relocation and Expansion	$1,000,000	$0	$1,000,000
Revere	Intermodal Improvements	$2,200,000	$0	$2,200,000
	Section 115 Total	**$6,850,000**	**$0**	**$6,850,000**

Intelligent Transportation Systems Discretionary		*Federal Funds*	*State Funds*	*Total Funds*
Boston	Directional Signage Program	$1,000,000	$250,000	$1,250,000
	Intelligent Transportation Systems Discretionary Total	**$1,000,000**	**$250,000**	**$1,250,000**

Fiscal Year 2004 Appropriations Earmark		*Federal Funds*	*State Funds*	*Total Funds*
Boston	Regional Intelligent Transportation Systems	$1,000,000	$250,000	$1,250,000
	Fiscal Year 2004 Appropriations Earmark Total	**$1,000,000**	**$250,000**	**$1,250,000**

Ferry Boat Discretionary				
Winthrop	Winthrop Ferry	$264,232	$66,058	$330,290
	Ferry Boat Discretionary Total	**$264,232**	**$66,058**	**$330,290**
	Federal-Aid Non-Target Projects Total			**$15,680,290**
	Total Federal-Aid Highway Program			**$175,527,718**

State-Funded Projects

Non–Federal Aid			*State Funds*	*Total Funds*
Sherborn	603276	Whitney Street Bridge	$1,400,000	$1,400,000
		Non–Federal Aid Total	**$1,400,000**	**$1,400,000**
		Total Highway Program		**$176,927,718**

Central Artery/Tunnel Project

	Federal Funds	*State Funds*	*Total Funds*
National Highway System	$70,000,000	$17,500,000	$87,500,000
STP/Statewide	$13,825,000	$3,456,250	$17,281,250
STP/Boston MPO Earmark	$20,000,000	$5,000,000	$25,000,000
MassPike Funds	$0	$169,382,304	$169,382,304
Insurance Trust Fund	$0	$19,599,760	$19,599,760
State Bonds/Notes	$0	$2,306,297	$2,306,297
Transportation Infrastructure Trust Fund	$0	$174,531,356	$174,531,356

Federal-Aid Subtotal	**$103,825,000**		
Federal-Aid Matching Funds Subtotal		**$25,956,250**	
Non–Federal Aid Subtotal		**$365,819,717**	
Total Fiscal Year 2006 Central Artery/Tunnel Funds			**$495,600,967**

Fiscal Year 2006

Regional Transit Program: Carryover Funds

Section 5307 (Carryover)		*Federal Funds*	*MBTA Funds*	*Total Funds*
Systemwide	MBTA Accessibility Program	$18,524,000	$4,631,000	$23,155,000
Systemwide	MBTA Enhancement Program	$1,469,994	$367,499	$1,837,493
Systemwide	Station Management Program	$23,783,352	$5,945,838	$29,729,190
Systemwide	Grant Anticipation Notes (GANs) Program	$4,000,000	$1,000,000	$5,000,000
Section 5307 Infrastructure Program				
Blue Line	Blue Line Signals	$11,600,000	$2,900,000	$14,500,000
		Federal Funds	*State Funds*	*Total Funds*
Red Line	Ashmont Station	$8,000,000	$2,000,000	$10,000,000
	Section 5307 (carryover) Total	**$67,377,346**	**$16,844,337**	**$84,221,683**

Section 5309 (Carryover)		*Federal Funds*	*MBTA Funds*	*Total Funds*
Beverly & Salem	Beverly/Salem Intermodal Center (Earmark)	$971,799	$242,950	$1,214,749
Blue Line	Blue Line Modernization	$12,422,898	$3,105,725	$15,528,623
Boston Region	Regional Transportation Demand Management Program	$202,800	$50,700	$253,500
Boston Region	Suburban Mobility Improvement Program	$144,940	$36,235	$181,175
Commuter Rail	Coach Reliability and Safety Program	$9,400,000	$2,350,000	$11,750,000
Green Line	Lechmere Intermodal	$971,799	$242,950	$1,214,749
Revere	Wonderland Station (Earmark)	$1,943,557	$485,889	$2,429,446
Systemwide	Station Management Program	$39,235,792	$9,808,948	$49,044,740
Systemwide	MBTA Bridge Program	$1,520,000	$380,000	$1,900,000
Section 5309 Infrastructure Program				
Orange Line	Orange Line Signals	$14,160,000	$3,540,000	$17,700,000
Systemwide	Power Improvements	$880,000	$220,000	$1,100,000
	Section 5309 (carryover) Total	**$81,853,586**	**$20,463,396**	**$102,316,982**

Transit Projects Funded by the Sale of Surplus Property with a Federal Interest

Lynn	Lynn Garage
Quincy	Quincy Fore River Shipyard Parking

	Federal Funds	*MBTA Funds*	*Total Funds*
Carryover Federal Aid Subtotal	**$149,230,932**		
Carryover Federal Aid MBTA Matching Funds Subtotal		**$37,307,733**	
Total Carryover Regional Transit Funds			**$186,538,665**

Fiscal Year 2006

Regional Transit Program: Fiscal Year 2006 Funds

Section 5307		*Federal Funds*	*MBTA Funds*	*Total Funds*
Blue Line	Blue Line Vehicles	$29,734,137	$7,433,534	$37,167,671
Bus	Wellington Facility	$1,560,000	$390,000	$1,950,000
Systemwide	MBTA Accessibility Program	$2,434,203	$608,551	$3,042,754
Systemwide	MBTA Elevator/Escalator Program	$4,800,000	$1,200,000	$6,000,000
Systemwide	MBTA Enhancement Program	$981,090	$245,272	$1,226,362
Systemwide	Station Management Program	$9,618,791	$2,404,698	$12,023,489
Systemwide	Preventative Maintenance	$8,000,000	$2,000,000	$10,000,000
Systemwide	Grant Anticipation Notes (GANs) Program	$10,986,445	$2,746,611	$13,733,056
Section 5307 Infrastructure Program				
Blue Line	Blue Line Signals	$9,600,000	$2,400,000	$12,000,000
	Section 5307 Total	**$77,714,666**	**$19,428,666**	**$97,143,332**
		Federal Funds	*State Funds*	*Total Funds*
Cape Ann	Cape Ann Transportation Authority	$344,568	$86,142	$430,710
Red Line	Ashmont Station	$17,091,500	$4,272,875	$21,364,375
	Section 5307 State Match Total	**$17,436,068**	**$4,359,017**	**$21,795,085**

Section 5309		*Federal Funds*	*MBTA Funds*	*Total Funds*
Blue Line	Blue Line Modernization	$33,944,744	$8,486,186	$42,430,930
Commuter Rail	Coach Reliability and Safety Program	$9,600,000	$2,400,000	$12,000,000
Systemwide	MBTA Accessibility Program	$3,000,000	$750,000	$3,750,000
Systemwide	Station Management Program	$16,000,000	$4,000,000	$20,000,000
Section 5309 Infrastructure Program				
Commuter Rail	Commuter Rail Top Deck Overhaul	$4,400,000	$1,100,000	$5,500,000
Green Line	Lechmere Signal System	$3,506,445	$876,611	$4,383,056
	Section 5309 Total	**$70,451,189**	**$17,612,797**	**$88,063,986**

Total FY 2006 Regional Transit Funds $393,541,068

Bedford **Depot Park Freight House** **603949**

Restore a historic freight house and provide public restrooms at Depot Park.

Funding Program: Surface Transportation Program/Enhancement
Air Quality Status: Exempt
TIP Category: Enhancement

Federal Funds:	$280,282
State Funds:	$70,071
Total Funds:	$350,353

Belmont, Cambridge & Somerville **Bicycle Facility** **600811**

Improve the bicycle facility connecting existing paths in Somerville and Cambridge to link the communities of Belmont, Cambridge, and Somerville.

Funding Program: Surface Transportation Program/Enhancement
Air Quality Status: Off-Model
TIP Category: Bicycle/Pedestrian

Federal Funds:	$960,000
State Funds:	$240,000
Total Funds:	$1,200,000

Beverly & Salem **Intermodal Facilities**

Fund the planning, design, and construction of garage and other transit-related infrastructure improvements in the Cities of Beverly and Salem.

Funding Program: Section 115
Air Quality Status: Exempt
TIP Category: Enhancement

Federal Funds:	$1,100,000
State Funds:	$0
Total Funds:	$1,100,000

Boston **Boston Traffic Management Center Operations**

Provide first-year funds for operation of the City of Boston's Traffic Management Center.

Funding Program: Congestion Mitigation and Air Quality Improvement
Air Quality Status: Off-Model
TIP Category: Enhancement

Federal Funds:	$286,000
Local Funds:	$71,500
Total Funds:	$357,500

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2006 total $103.8 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$70,000,000
State Funds:	$17,500,000
Total Funds:	$87,500,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2006 total $365.8 million for payments on Advanced Construction contracts and repayment of Grant Anticipation Notes (GANs).

Funding Program: Insurance Trust Fund
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$0
State Funds:	$19,599,760
Total Funds:	$19,599,760

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2006 total $103.8 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program: Surface Transportation Program/Statewide
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$13,825,000
State Funds:	$3,456,250
Total Funds:	$17,281,250

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2006 total $365.8 million for payments on Advanced Construction contracts and repayment of Grant Anticipation Notes (GANs).

Funding Program: State Bonds/Notes
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$0
State Funds:	$2,306,297
Total Funds:	$2,306,297

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2006 total $365.8 million for payments on Advanced Construction contracts and repayment of Grant Anticipation Notes (GANs).

Funding Program: Transportation Infrastructure Trust Fund
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$0
State Funds:	$174,531,356
Total Funds:	$174,531,356

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2006 total $365.8 million for payments on Advanced Construction contracts and repayment of Grant Anticipation Notes (GANs).

Funding Program:	MassPike Funds
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$0
State Funds:	$169,382,304
Total Funds:	$169,382,304

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2006 total $103.8 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Surface Transportation Program/Boston MPO Earmar
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$20,000,000
State Funds:	$5,000,000
Total Funds:	$25,000,000

Boston **Chelsea Street Bridge, Year One**

Replace the Chelsea Street Bridge (B-16-020) over Chelsea River.

Funding Program:	Major Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$800,000
State Funds:	$200,000
Total Funds:	$1,000,000

Boston **Directional Signage**

Fund comprehensive signage plan for Boston that provides guide signs to navigate to and from large traffic generators.

Funding Program:	ITS Discretionary (FY 2005)
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$1,000,000
State Funds:	$250,000
Total Funds:	$1,250,000

Boston **Harbor Islands National Park Access**

Make access improvements to the Boston Harbor Islands National Park area

Funding Program:	Section 115
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$2,250,000
State Funds:	$0
Total Funds:	$2,250,000

Boston **Huntington Avenue**

Reconstruct Huntington Avenue.

Funding Program:	High-Priority Project
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$3,200,000
State Funds:	$800,000
Total Funds:	$4,000,000

Boston **Long Island Pier Reconstruction**

Reconstruct the Harbor Islands National Recreation Area Long Island Pier.

Funding Program:	Section 115
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$300,000
State Funds:	$0
Total Funds:	$300,000

Boston **Regional Intelligent Transportation Systems**

Fund improvements to Massachusetts Interagency Video Information System (MIVIS), a secure interagency communications network, by connecting additional regional operations centers to the Boston Transportation Management Center.

Funding Program:	Appropriations Earmark (FY 2004)
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$1,000,000
State Funds:	$250,000
Total Funds:	$1,250,000

Boston **South Bay Harbor Trail**

Fund final design of the South Bay Harbor Trail.

Funding Program:	Surface Transportation Program/Enhancement
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$280,000
State Funds:	$70,000
Total Funds:	$350,000

Boston & Everett **Route 99 (Alford Street) Bridge, Year Two** **603370**

Reconstruct the Route 99 (Alford Street) Bridge (B-16-29) over the Mystic River. This project was advertised for $24 million in fiscal year 2005 under the Advanced Construction Program and will be funded over a four-year period with federal funds.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$6,400,000
State Funds:	$1,600,000
Total Funds:	$8,000,000

Boston, Milton & Quincy **Interstate 93**

Fund structural overly on Interstate 93.

Funding Program:	Interstate Maintenance
Air Quality Status:	Exempt
TIP Category:	Major Highway

Federal Funds:	$6,750,000
State Funds:	$750,000
Total Funds:	$7,500,000

Boston Region **Improving the Region's Bicycle Parking Infrastructure Program**

Provide bicycle parking facilities in public centers and business districts to improve the region's multimodal transportation network. The bicycle parking facilities pilot program will fund up to 80 percent of the cost of bicycle parking units.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$320,000
Local Funds:	$80,000
Total Funds:	$400,000

Boston Region **MBTA Bus Emissions Monitoring and Control Program**

Fund testing equipment for remote sensing to monitor/measure the emissions of buses to provide data for bus maintenance.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Transit State of Good Repair

Federal Funds:	$880,000
MBTA Funds:	$220,000
Total Funds:	$1,100,000

Boston Region **Regional Transportation Demand Management Program**

Procure 3 bike racks for the CATA/Ipswich summer shuttle buses; procure 60 bike racks for installation at MBTA stations throughout the region; design, procure and install a bike cage for approximately 50 bikes at a selected high usage station as a demonstration project; procure 40 bus shelters for installation throughout the region.

Funding Program:	Section 5309 (carryover) flexed from CMAQ
Air Quality Status:	Exempt
TIP Category:	Transti Service Enhancement

Federal Funds:	$202,800
CATA/MBTA	$50,700
Total Funds:	$253,500

Boston Region **Regional Transportation Demand Management Program**

Provide funding for regional or local shuttles, the formation of Transportation Management Associations (TMAs), or other Transportation Demand Management (TDM) projects.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Regional Mobility

Federal Funds:	$200,000
Local Funds:	$50,000
Total Funds:	$250,000

Boston Region **Suburban Mobility Improvement Program**

Provide funding for programs and projects that improve the mobility of residents in areas currently not served or underserved by transit. Potential services eligible for funding under this program include fixed-route shuttles serving markets not typically addressed (e.g., suburb-to-suburb, reverse commuting, etc.), employer-based van/carpool services, flexible-route shuttle services, and similar programs.

$144,940 in federal funds to the 128 Business Council to operate a two vehicle shuttle service among the Anderson Regional Transportation Center and businesses and multi-unit housing in Woburn, Burlington, and Lexington.

Funding Program:	Section 5309 (carryover) flexed from CMAQ
Air Quality Status:	Exempt
TIP Category:	Regional Mobility

Federal Funds:	$144,940
Local Funds:	$36,235
Total Funds:	$181,175

Boston Region **Suburban Mobility Improvement Program**

Provide funding for programs and projects that improve the mobility of residents in areas currently not served or underserved by transit. Potential services eligible for funding under this program include fixed-route shuttles serving markets not typically addressed (e.g., suburb-to-suburb, reverse commuting), employer-based van/carpool services, flexible-route shuttle services, and similar programs.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Regional Mobility

Federal Funds:	$520,000
Local Funds:	$130,000
Total Funds:	$650,000

Cambridge **Lechmere Station Relocation and Expansion**

Provide funds for design of the Lechmere Station Relocation and Intermodal Expansion.

Funding Program:	Section 115
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$1,000,000
State Funds:	$0
Total Funds:	$1,000,000

Canton & Dedham **Route 128 Improvement Program Contract 1, Year Four** **602288**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Major Bridge
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$10,000,000
State Funds:	$2,500,000
Total Funds:	$12,500,000

Canton, Randolph & Westwood **Route 128 Improvement Program Contract 6, Year One** **087800**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$2,400,000
State Funds:	$600,000
Total Funds:	$3,000,000

Concord **Monument Street Bridge** **601442**

Rehabilitate the Monument Street Bridge (C-19-13) over the Concord River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,920,000
State Funds:	$480,000
Total Funds:	$2,400,000

Concord **Sudbury Road Bridge** **603906**

Rehabilitation of the Sudbury Road Bridge (C-19-003) over the Sudbury River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,190,400
State Funds:	$297,600
Total Funds:	$1,488,000

Danvers **Route 35 (Water Street) Bridge** **601918**

Replace the Route 35 (Water Street) Bridge (D-3-13) over the Waters River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$2,572,000
State Funds:	$643,000
Total Funds:	$3,215,000

Dedham **Route 109 (Bridge Street) Bridge** **601087**

Rehabilitate the Route 109 (Bridge Street) Bridge (D-5-4) over the Charles River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$2,800,000
State Funds:	$700,000
Total Funds:	$3,500,000

Dedham & Westwood **Route 128 Improvement Program Contract 3, Year Two** **603162**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$2,600,000
State Funds:	$650,000
Total Funds:	$3,250,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year One** **603206**

Will widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Major Bridge
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$800,000
State Funds:	$200,000
Total Funds:	$1,000,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year One** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$1,600,000
State Funds:	$400,000
Total Funds:	$2,000,000

Essex **Route 133 (Main Street)** **600217**

Reconstruct Route 133 (Main Street) from north of Western Avenue to Water Street.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$1,200,000
State Funds:	$300,000
Total Funds:	$1,500,000

Foxborough, Norfolk & Wrentham **Route 115 (Pond/Pine Street)** **602496**

Reconstruct Route 115 (Pond Street and Pine Streets) from Needham Street in Norfolk to Route 140 in Foxborough.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$1,840,000
State Funds:	$460,000
Total Funds:	$2,300,000

Framingham **Central Street Bridge** **602839**

Replace the Central Street Bridge (F-7-9) over the Sudbury River.

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$1,440,000
State Funds:	$360,000
Total Funds:	$1,800,000

Framingham **Franklin Street**

Reconstruct Franklin Street from South of Howard Street to Main Street.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Arterial and Intersection

Federal Funds:	$336,000
State Funds:	$84,000
Total Funds:	$420,000

Framingham **Franklin Street** **602046**

Reconstruct Franklin Street from South of Howard Street to Main Street.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$3,504,000
State Funds:	$876,000
Total Funds:	$4,380,000

Hanover **Route 53, Phase 1B** **114501**

Widen Route 53 from two lanes to five lanes from Mill Street to Pond Street. In addition, Pond Street will be realigned to form a four-way intersection with Washington Street and Old Washington Street, and the traffic signals at the intersection will be upgraded.

Funding Program:	Surface Transportation Program
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$3,200,000
State Funds:	$800,000
Total Funds:	$4,000,000

Hopkinton, Southborough & Westborough **Interstate 495**

Fund structural overlay on Interstate 495.

Funding Program:	Interstate Maintenance
Air Quality Status:	Exempt
TIP Category:	Major Highway

Federal Funds:	$6,300,000
State Funds:	$700,000
Total Funds:	$7,000,000

Marlborough **Two Bridges** **603506**

Replace the Robin Hill Street Bridge (M-6-3) and the Boundary Street Bridge (M-6-4) over the Assabet River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,160,000
State Funds:	$290,000
Total Funds:	$1,450,000

Natick & Wellesley **Route 9/Oak Street** **601586**

Reconstruct and perform intersection improvements on Route 9 from Oak Street to Woodside Street.

Funding Program: Surface Transportation Program
Air Quality Status: Exempt
TIP Category: Arterial and Intersection

Federal Funds:	$480,000
State Funds:	$120,000
Total Funds:	$600,000

Newton **Route 30 (Commonwealth Avenue), Phase Three** **601899**

Reconstruct Route 30 (Commonwealth Avenue) from Grant Avenue to the Boston city line.

Funding Program: Surface Transportation Program
Air Quality Status: Exempt
TIP Category: Arterial and Intersection

Federal Funds:	$2,592,000
State Funds:	$648,000
Total Funds:	$3,240,000

Newton **Route 30 (Commonwealth Ave.), Phase Three Enhancements**

Install historic lighting and provide landscaping along Commonwealth Avenue from the Boston city line to west of Grant Avenue.

Funding Program: Surface Transportation Program/Enhancement
Air Quality Status: Exempt
TIP Category: Enhancement

Federal Funds:	$639,524
State Funds:	$159,881
Total Funds:	$799,405

Newton, Wellesley & Weston **Interstate 95**

Fund structural overlay on Interstate 95.

Funding Program: Interstate Maintenance
Air Quality Status: Exempt
TIP Category: Major Highway

Federal Funds:	$6,750,000
State Funds:	$750,000
Total Funds:	$7,500,000

Peabody **Bikeway and Greenway** **602341**

Construct a bike trail from West Peabody to downtown Peabody.

Funding Program: Surface Transportation Program/Enhancement
Air Quality Status: Exempt
TIP Category: Bicycle/Pedestrian

Federal Funds:	$2,240,000
State Funds:	$560,000
Total Funds:	$2,800,000

Quincy **Burgin Parkway** **603391**

Construct a new bridge to elevate the outbound Burgin Parkway traffic over the Centre Street intersection, construct a new outbound ramp from the intersection of Congress Street and Crown Colony Drive to the existing northbound ramp to Route 3, reconstruct the intersections at Burgin Parkway/Centre Street and Crown Colony Drive/Congress Street, and construct an exclusive right turn from Centre Street onto the existing outbound ramps.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$14,400,000
State Funds:	$3,600,000
Total Funds:	$18,000,000

Quincy **Quincy Fore River Shipyard Parking** **MBTA**

Purchase the Quincy Fore River Shipyard parking lot with $1.2 million in program income from sale of MBTA surplus property that had a federal interest. The funds used to purchase the parking facility is outside the fiscal constraint of the Transportation Improvement Program

Funding Program:	
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$0
MBTA Funds	$0
Total Funds:	$0

Randolph to Wellesley **Route 128 Improvement Program (Design)**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$2,000,000
State Funds:	$500,000
Total Funds:	$2,500,000

Reading **Route 28 (Main Street)** **602617**

Reconstruct Route 28 (Main Street) from Washington Street to Route 129 (Lowell Street).

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$2,907,816
State Funds:	$726,954
Total Funds:	$3,634,770

Reading **Route 28 (Main Street)**

Reconstruct Route 28 (Main Street) from Washington Street to Route 129 (Lowell Street).

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Arterial and Intersection

Federal Funds:	$1,600,000
State Funds:	$400,000
Total Funds:	$2,000,000

Revere **Intermodal Improvements**

Fund the planning, design, and construction of garage and other transit-related infrastructure improvements in the city of Revere.

Funding Program:	Section 115
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$2,200,000
State Funds:	$0
Total Funds:	$2,200,000

Revere & Saugus **Route 107/Pines River Bridge** **118160**

Replace two bridges on Route 107: R-5-7 over the Pines River and R-5-9 over the Diamond Creek..

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$12,640,000
State Funds:	$3,160,000
Total Funds:	$15,800,000

Saugus **Route 1/Walnut Street** **601513**

Reconfigure the Route 1 and Walnut Street interchange by consolidating all vehicles exiting from Route 1 onto a separate northbound or southbound exit ramp.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$5,360,000
State Funds:	$1,340,000
Total Funds:	$6,700,000

Sherborn **Whitney Street Bridge** **603276**

Replace the Whitney Street Bridge (S-12-3) over the CSX Railroad.

Funding Program:	Non–Federal Aid
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	
State Funds:	$1,400,000
Total Funds:	$1,400,000

Somerville **Cross Street Bridge** **602219**

Rehabilitate the Cross Street Bridge (S-17-5) over the B&M Railroad.

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$1,760,000
State Funds:	$440,000
Total Funds:	$2,200,000

Waltham **Winter Street Bridge, Year Three** **601498**

Reconstruct the Winter Street Bridge (W-4-25) over Interstate 95 (Route 128) and reconfigure the associated interchange. This project was advertised for $23 million in fiscal year 2004 under the Advanced Construction Program and will be funded over a four-year period.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$6,800,000
State Funds:	$1,700,000
Total Funds:	$8,500,000

Watertown **Pleasant Street and Howard Street** **601686**

Reconstruct Pleasant Street from the Waltham city line to Main Street (Route 20) at Watertown Square and Howard Street from Pleasant Street to Main Street (Route 20).

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$3,629,120
State Funds:	$907,280
Total Funds:	$4,536,400

Wellesley **Cedar Street Bridge** **604007**

Replace the Cedar Street Bridge (W-13-015).

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$1,868,800
State Funds:	$467,200
Total Funds:	$2,336,000

Weymouth **East-West Parkway Design**

Provide design funds for the East-West Parkway as part of the redevelopment of the South Weymouth Naval Air Station.

Funding Program:	High-Priority Project
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$1,600,000
State Funds:	$400,000
Total Funds:	$2,000,000

Weston **Recreation Road Bridge** **602534**

Replace the Recreation Road Bridge (W-29-30) over Interstate 95 (Route 128).

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$1,872,000
State Funds:	$468,000
Total Funds:	$2,340,000

Winthrop **Winthrop Ferry**

Provide funds to operate a ferry service from Winthrop to Boston.

Funding Program:	Ferry Boat Discretionary
Air Quality Status:	Exempt
TIP Category:	Enhancement

Federal Funds:	$264,232
State Funds:	$66,058
Total Funds:	$330,290

Cape Ann **Cape Ann Transportation Authority** **CATA**

Provide funding for the capital and/or preventative maintenance costs of the Cape Ann Transportation Authority.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$344,568
State Funds:	$86,142
Total Funds:	$430,710

Beverly & Salem **Beverly/Salem Intermodal Center (Earmark)** **MBTA**

Provide funding for intermodal facilities and parking garages in the cities of Beverly and Salem.

Funding Program:	Section 5309 (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement

Federal Funds:	$971,799
MBTA Funds	$242,950
Total Funds:	$1,214,749

Blue Line **Blue Line Vehicles** **MBTA**

Purchase 94 Blue Line vehicles to enable the operation of six-car train sets and overhaul 24 current Blue Line vehicles for use on the Orange Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $115.7 million in the fiscal years 2006–2010 TIP.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$29,734,137
MBTA Funds	$7,433,534
Total Funds:	$37,167,671

Blue Line **Blue Line Modernization** **MBTA**

Make improvements to the Blue Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $155.8 million in the fiscal years 2006–2010 TIP.

The funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization (carryover)
Air Quality Status:	Model
TIP Category:	Transit Service Enhancement

Federal Funds:	$12,422,898
MBTA Funds	$3,105,725
Total Funds:	$15,528,623

Blue Line **Blue Line Modernization** **MBTA**

Make improvements to the Blue Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $155.8 million in the fiscal years 2006–2010 TIP.

The funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Model
TIP Category:	Transit Service Enhancement

Federal Funds:	$33,944,744
MBTA Funds	$8,486,186
Total Funds:	$42,430,930

Bus **Wellington Facility** **MBTA**

Fund the design of the Wellington Bus Facility.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$1,560,000
MBTA Funds	$390,000
Total Funds:	$1,950,000

Bus **Lynn Garage** **MBTA**

Fund rehabilitation of the Lynn garage in program income from sale of MBTA surplus property that had a federal interest. The funds are outside the fiscal constraint of the Transportation Improvement Program.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$0
MBTA Funds	$0
Total Funds:	$0

Commuter Rail **Coach Reliability and Safety Program** **MBTA**

Repair/replace truck assemblies, couplers, HVAC, and toilet systems as part of the state-of-good-repair effort. This component of the program will target 162 coaches (40 Bombardier A coaches, 55 MBB coaches with toilets, and 67 Bombardier B coaches). Work will be performed by the Massachusetts Bay Commuter Railroad Company.

Funding Program:	Section 5309/Rail Modernization (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$9,400,000
MBTA Funds	$2,350,000
Total Funds:	$11,750,000

Commuter Rail **Coach Reliability and Safety Program** **MBTA**

Repair/replace truck assemblies, couplers, HVAC, and toilet systems as part of the state-of-good-repair effort. This component of the program will target 162 coaches (40 Bombardier A coaches, 55 MBB coaches with toilets, and 67 Bombardier B coaches). Work will be performed by the Massachusetts Bay Commuter Railroad Company.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$9,600,000
MBTA Funds	$2,400,000
Total Funds:	$12,000,000

Green Line **Lechmere Intermodal** **MBTA**

Provide funds for design of the Lechmere Station Relocation and Intermodal Expansion.

Funding Program:	Section 5309 (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement

Federal Funds:	$971,799
MBTA Funds	$242,950
Total Funds:	$1,214,749

Red Line **Ashmont Station** **MBTA**

Make improvements to Ashmont Station on the Red Line.

Funding Program:	Section 5307 (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$8,000,000
State Funds	$2,000,000
Total Funds:	$10,000,000

Red Line **Ashmont Station** **MBTA**

Make improvements to Ashmont Station on the Red Line.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$17,091,500
State Funds	$4,272,875
Total Funds:	$21,364,375

Revere **Wonderland Station (Earmark)** **MBTA**

Fund the planning, design, and construction of a garage and other transit-related infrastructure improvements in the city of Revere.

Funding Program:	Section 5309 (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement

Federal Funds:	$1,943,557
MBTA Funds	$485,889
Total Funds:	$2,429,446

Systemwide **Grant Anticipation Notes (GANs) Program** **MBTA**

This program will fund the procurement of 175 Emission Control Diesel Buses and capital improvements to the Fairmount Corridor. This effort will be funded by a total of $119.3 million from fiscal year 2006 to fiscal year 2011.

The funds programmed here are for the reimbursement of principle and interest on Grant Anticipation Notes (GANs) with Section 5307 funds for the purchase of 175 Emission Control Diesel Buses and the Fairmount Corridor Improvement Project, Phase One. The Fairmount corridor improvements, Phase One, will make improvements to the existing infrastructure of the Fairmount commuter rail line. These improvements include the rehabilitation of two stations (Morton Street and Uphams Corner), construction of new interlocking, upgrading of the existing signal system, and rehabilitation and/or replacement of bridges along the corridor.

These funding allocations are based upon the best information available as of August 11, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5307
Air Quality Status:	Model (Fairmount) Off-Model (ECD Buses)
TIP Category:	Transit State of Good Repair

Federal Funds:	$10,986,445
MBTA Funds	$2,746,611
Total Funds:	$13,733,056

Systemwide **Grant Anticipation Notes (GANs) Program** **MBTA**

This program will fund the procurement of 175 Emission Control Diesel Buses and capital improvements to the Fairmount Corridor. This effort will be funded by a total of $119.3 million from fiscal year 2006 to fiscal year 2011.

The funds programmed here are for the reimbursement of principle and interest on Grant Anticipation Notes (GANs) with Section 5307 funds for the purchase of 175 Emission Control Diesel Buses and the Fairmount Corridor Improvement Project, Phase One. The Fairmount corridor improvements, Phase One, will make improvements to the existing infrastructure of the Fairmount commuter rail line. These improvements include the rehabilitation of two stations (Morton Street and Uphams Corner), construction of new interlocking, upgrading of the existing signal system, and rehabilitation and/or replacement of bridges along the corridor.

These funding allocations are based upon the best information available as of August 11, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5307 (carryover)
Air Quality Status:	Model (Fairmount) Off-Model (ECD Buses)
TIP Category:	Transit State of Good Repair

Federal Funds:	$4,000,000
MBTA Funds	$1,000,000
Total Funds:	$5,000,000

Systemwide **MBTA Accessibility Program** **MBTA**

Make accessibility improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP).

The fiscal year 2006 funding allocation for the Section 5307 MBTA Accessibility Program is for: Kenmore Station, Arlington Station, Copley Station, Government Center Station, the E-Line surface stations.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement-Accessibility

Federal Funds:	$2,434,203
MBTA Funds	$608,551
Total Funds:	$3,042,754

Systemwide **MBTA Accessibility Program** **MBTA**

Make accessibility improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP).

The fiscal year 2006 funding allocation for the Section 5307 MBTA Accessibility Program is for: Kenmore Station, Arlington Station, Copley Station, Government Center Station, the E-Line surface stations, and rapid transit system elevators/escalators.

Funding Program:	Section 5307 (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement-Accessibility

Federal Funds:	$18,524,000
MBTA Funds	$4,631,000
Total Funds:	$23,155,000

Systemwide **MBTA Accessibility Program** **MBTA**

Make accessibility improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP).

The fiscal year 2006 funding allocation for the Section 5307 MBTA Accessibility Program is for: Kenmore Station, Arlington Station, Copley Station, Government Center Station, and the E-Line surface stations.

Funding Program:	Section 5309
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement-Accessibility

Federal Funds:	$3,000,000
MBTA Funds	$750,000
Total Funds:	$3,750,000

Systemwide **MBTA Bridge Program** **MBTA**

Design and reconstruct one or more of the following bridges: Redfield Street and Shawmut Junction in Dorchester ($900,000), Ruggles Station Busway in Roxbury ($470,000), Bay Street in Taunton ($1 million), and Merrimack River Bridge in Haverhill ($1.43 million). Fund bridge inspections ($1.5 million) and tunnel inspections ($1.5 million).

Funding Program:	Section 5309/Rail Modernization (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$1,520,000
MBTA Funds	$380,000
Total Funds:	$1,900,000

Systemwide **MBTA Enhancement Program** **MBTA**

Funds programmed for this project will be used for bus shelters, the systemwide ITS program, rapid transit signage, and transit security.

A systems engineering process will be applied to the ITS components of this program to ensure consistency with the Regional ITS Architecture Plan for Metropolitan Boston as defined in the FTA National ITS Policy. Applicable ITS standards will be applied during the procurement/implementation stages of this program.

Funding Program:	Section 5307/Enhancement
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement

Federal Funds:	$981,090
MBTA Funds	$245,272
Total Funds:	$1,226,362

Systemwide **MBTA Enhancement Program** **MBTA**

Funds programmed for this project will be used for bus shelters, the systemwide ITS program, rapid transit signage, and transit security.

A systems engineering process will be applied to the ITS components of this program to ensure consistency with the Regional ITS Architecture Plan for Metropolitan Boston as defined in the FTA National ITS Policy. Applicable ITS standards will be applied during the procurement/implementation stages of this program.

Funding Program:	Section 5307/Enhancement (carryover)
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$1,469,994
MBTA Funds	$367,499
Total Funds:	$1,837,493

Systemwide **Preventative Maintenance** **MBTA**

The funding allocation for the MBTA Preventative Maintenance program for fiscal year 2006 totals $10 million. Funds will be used to maintain existing MBTA infrastructure and rolling stock among various modes.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$8,000,000
MBTA Funds	$2,000,000
Total Funds:	$10,000,000

Systemwide **Section 5307 Infrastructure Program** **MBTA**

Make infrastructure improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). The funds programmed here are $12 million for the Blue Line Signals System.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5307
Air Quality Status:	Exempt, Off-Model (CNG Buses)
TIP Category:	Transit State of Good Repair

Federal Funds:	$9,600,000
MBTA Funds	$2,400,000
Total Funds:	$12,000,000

Systemwide **Section 5307 Infrastructure Program** **MBTA**

Make infrastructure improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). The funds programmed here are $14.5 million for the Blue Line Signal System.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration

Funding Program:	Section 5307 (carryover)
Air Quality Status:	Exempt (Buses), Model (Blue Line)
TIP Category:	Transit State of Good Repair

Federal Funds:	$11,600,000
MBTA Funds	$2,900,000
Total Funds:	$14,500,000

Systemwide **Section 5309 Infrastructure Program** **MBTA**

Make infrastructure improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). The funds programmed here are $4.4 million for the Lechmere Signal System and $5.5 million for Commuter Rail Top Deck Overhaul.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$7,906,445
MBTA Funds	$1,976,611
Total Funds:	$9,883,056

Systemwide **Section 5309 Infrastructure Program** **MBTA**

Make infrastructure improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). The funds programmed here are $42.9 million for Orange Line Signals and $1.1 million for rapid transit system Power Improvements.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization (carryover)
Air Quality Status:	Exempt (Power), Model (Orange Line)
TIP Category:	Transit State of Good Repair

Federal Funds:	$15,040,000
MBTA Funds	$3,760,000
Total Funds:	$18,800,000

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program: Section 5307
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$9,618,793
MBTA Funds	$2,404,698
Total Funds:	$12,023,491

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program: Section 5307 (carryover)
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$23,783,352
MBTA Funds	$5,945,838
Total Funds:	$29,729,190

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program: Section 5309/Rail Modernization
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$16,000,000
MBTA Funds	$4,000,000
Total Funds:	$20,000,000

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program: Section 5309/Rail Modernization (carryover)
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$39,235,792
MBTA Funds	$9,808,948
Total Funds:	$49,044,740

Fiscal Year 2007

Regional Highway Program

Federal-Aid Target Projects

Congestion Mitigation and Air Quality Improvement Program			*Federal Funds*	*State Funds*	*Total Funds*
Boston		South Bay Harbor Trail (Construction)	$3,080,000	$770,000	$3,850,000
Milford		Upper Charles Trail, Phase 2	$2,400,000	$600,000	$3,000,000
			Federal Funds	*Local Funds*	*Total Funds*
Boston		Boston Traffic Management Center Operations	$306,000	$76,500	$382,500
Boston Region		Regional Transportation Demand Management Program	$200,000	$50,000	$250,000
Boston Region		Suburban Mobility Improvement Program	$520,000	$130,000	$650,000
Boston Region		Improving the Region's Bicycle Parking Infrastructure Program	$544,800	$136,200	$681,000
		Congestion Mitigation and Air Quality Improvement Program Total	**$7,050,800**	**$1,762,700**	**$8,813,500**
		CMAQ Regional Target			**$10,741,776**

National Highway System			*Federal Funds*	*State Funds*	*Total Funds*
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Two	$4,800,000	$1,200,000	$6,000,000
Canton, Randolph, Westwood	087800	Route 128 Improvement Program Contract 6, Year Two	$5,200,000	$1,300,000	$6,500,000
Randolph to Wellesley		Route 128 Improvement Program (Design)	$280,000	$70,000	$2,000,000
		National Highway System Total	**$10,280,000**	**$2,570,000**	**$14,500,000**

Surface Transportation Program			*Federal Funds*	*State Funds*	*Total Funds*
Bedford, Billerica & Burlington	029491	Middlesex Turnpike (Mitre Extension), Phase One	$3,117,898	$779,474	$3,897,372
Boston Region		Boston Region Transportation Projects			$1,900,000
Boston	601274	Tremont Street , Phase 1	$4,000,000	$1,000,000	$5,000,000
Boston	600636	Massachusetts Avenue	$11,520,000	$2,880,000	$14,400,000
Danvers and Peabody	87612	Route 128, Route 35 and 62 Interchanges	$8,800,000	$2,200,000	$11,000,000
Hingham	604391	Route 228, Phase 2	$2,400,000	$600,000	$3,000,000
Salem	601017	Route 1A (Bridge Steet)	$1,632,000	$408,000	$2,040,000
Somerville	601820	Beacon Street	$810,247	$202,562	$1,012,809
		Surface Transportation Program Total	**$32,280,145**	**$8,070,036**	**$42,250,181**

Surface Transportation Program/Enhancement			*Federal Funds*	*State Funds*	*Total Funds*
Holliston	602929	Upper Charles Trail	$490,400	$122,600	$613,000
Somerville		Somerville Community Path, Phase 1	$400,000	$100,000	$500,000
Stoneham, Winchester & Woburn		Tri-Community Bikeway (Design)	$480,000	$120,000	$600,000
		Surface Transportation Program/Enhancement Total	**$1,370,400**	**$342,600**	**$1,713,000**

Boston Region MPO Regional Target with State Match		**$67,232,775**
Total Regional Target Programming		**$67,276,681**

Federal-Aid Bridge Projects

Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Bedford	603985	Page Road Bridge	$800,000	$200,000	$1,000,000
Framingham	604013	Fountain Street Bridge	$1,377,600	$344,400	$1,722,000
Framingham	602464	Winter Street , Two Bridges	$786,400	$196,600	$983,000
Holliston	603029	Courtland Street Bridge & Maple Street Bridge	$148,000	$37,000	$185,000
Hudson	604006	Houghton Street Bridge	$633,600	$158,400	$792,000
Ipswich	602543	Route 1A (High Street) Bridge	$1,854,400	$463,600	$2,318,000
Marshfield & Norwell	603360	Union Street (Bridge Street) Bridge	$1,174,400	$293,600	$1,468,000
Maynard	603658	Route 27 (Waltham Street) Bridge	$1,703,200	$425,800	$2,129,000
North Reading & Reading	603473	Route 28 Bridge	$714,400	$178,600	$893,000
Walpole	603745	Bullard Street Bridge	$334,400	$83,600	$418,000
Wellesley	600776	Rockland Street Bridge	$636,000	$159,000	$795,000
		Bridge Total	**$10,162,400**	**$2,540,600**	**$12,703,000**

Major Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston		Chelsea Street Bridge, Year Two	$14,000,000	$3,500,000	$17,500,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Two	$2,300,000	$575,000	$2,875,000
		Major Bridge Total	**$16,300,000**	**$4,075,000**	**$20,375,000**

Fiscal Year 2007

Regional Highway Program (continued)

Advance Construction Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston & Everett	603370	Route 99 (Alford Street) Bridge, Year Three	$6,400,000	$1,600,000	$8,000,000
Dedham & Westwood	603162	Route 128 Improvement Program Contract 3, Year Three	$6,600,000	$1,650,000	$8,250,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Two	$5,800,000	$1,450,000	$7,250,000
Lynn & Saugus	26710	Route 107 (Fox Hill) Bridge, Year One	$800,000	$200,000	$1,000,000
Waltham	601498	Winter Street Bridge, Year Four	$6,400,000	$1,600,000	$8,000,000
		Advance Construction Bridge Total	**$26,000,000**	**$6,500,000**	**$32,500,000**
				Federal-Aid Bridge Total	**$65,578,000**

Federal-Aid Major Infrastructure and Statewide Categories

Interstate Maintenance			*Federal Funds*	*State Funds*	*Total Funds*
Burlington & Woburn		Interstate 95	$8,100,000	$900,000	$9,000,000
Waltham & Weston		Interstate 95	$6,750,000	$750,000	$7,500,000
		Interstate Maintenance Total	**$14,850,000**	**$1,650,000**	**$16,500,000**
				Federal-Aid Major Infrastructure and Statewide Categories Total	**$16,500,000**

Federal-Aid Non-Target Projects

High-Priority Project (TEA-21)			*Federal Funds*	*State Funds*	*Total Funds*
Bedford, Billerica & Burlington	029491	Middlesex Turnpike (Mitre Extension), Phase One	$1,922,102	$480,526	$2,402,628
Somerville	601820	Beacon Street	$2,309,753	$577,438	$2,887,191
Weymouth		Route 18 (Right-of-Way)	$1,440,000	$360,000	$1,800,000
		High Priority Projects Total	**$5,671,855**	**$1,417,964**	**$7,089,819**
				Total Federal-Aid Highway Program	**$156,444,500**

State-Funded Projects

Non–Federal Aid			*State Funds*	*Total Funds*
Ashland	603602	Route 135 (Union Street) Bridge	$819,000	$819,000
Concord	600638	Pine Street Bridge	$489,000	$489,000
		Non–Federal Aid Total	**$1,308,000**	**$1,308,000**
			Total Highway Program	**$157,752,500**

Central Artery/Tunnel Project

	Federal Funds	*State Funds*	*Total Funds*
National Highway System	$70,000,000	$17,500,000	$87,500,000
STP/Statewide	$20,240,000	$5,060,000	$25,300,000
STP/Boston MPO	$20,000,000	$5,000,000	$25,000,000
MassPike Funds		$10,759,243	$10,759,243
Insurance Trust Fund		$59,140,863	$59,140,863
Transportation Infrastructure Trust Fund		$4,325,160	$4,325,160

Federal-Aid Subtotal	**$110,240,000**		
Federal-Aid Matching Funds Subtotal		**$27,560,000**	
Non–Federal Aid Subtotal		**$74,225,266**	
Total Fiscal Year 2007 Central Artery/Tunnel Funds			**$212,025,266**

Fiscal Year 2007

Regional Transit Program: Fiscal Year 2007 Funds

Section 5307		*Federal Funds*	*MBTA Funds*	*Total Funds*
Blue Line	Blue Line Vehicles	$33,925,703	$8,481,426	$42,407,129
Bus	Arborway Maintenance Facility	$21,704,585	$5,426,146	$27,130,731
Systemwide	Grant Anticipation Notes (GANs) Program	$15,760,968	$3,940,242	$19,701,210
Systemwide	Station Management Program	$14,463,528	$3,615,882	$18,079,410
Systemwide	MBTA Enhancement Program	$951,382	$237,845	$1,189,227
Systemwide	Preventative Maintenance	$8,000,000	$2,000,000	$10,000,000
	Section 5307 MBTA Match Total	**$94,806,166**	**$23,701,541**	**$118,507,707**

		Federal Funds	*State Funds*	*Total Funds*
Cape Ann	Cape Ann Transportation Authority	$344,568	$86,142	$430,710
	Section 5307 State Match Total	**$344,568**	**$86,142**	**$430,710**

Section 5309		*Federal Funds*	*MBTA Funds*	*Total Funds*
Blue Line	Blue Line Modernization	$33,024,193	$8,256,048	$41,280,241
Blue Line	Blue Line Vehicles	$9,600,000	$2,400,000	$12,000,000
Red Line	Red Line Number 2 Car	$4,800,000	$1,200,000	$6,000,000
Systemwide	Bridge Program	$4,800,000	$1,200,000	$6,000,000
Section 5309 Infrastructure Program				
Commuter Rail	Commuter Rail Top Deck Overhaul	$4,000,000	$1,000,000	$5,000,000
Commuter Rail	Commuter Rail Coach Overhaul	$4,800,000	$1,200,000	$6,000,000
Commuter Rail	Worcester Cab Signaling	$4,000,000	$1,000,000	$5,000,000
Systemwide	Power Improvements	$5,426,996	$1,356,749	$6,783,745
	Section 5309 Total	**$52,224,193**	**$13,056,048**	**$88,063,986**

Federal Aid Subtotal	**$147,374,926**	
Federal Aid State Matching Funds Subtotal	**$86,142**	
Federal Aid MBTA Matching Funds Subtotal	**$36,757,590**	
Total FY 2007 Regional Transit Funds		**$184,218,658**

Ashland **Route 135 (Union Street) Bridge** **603602**

Replace the Route 135 (Union Street) Bridge (A-14-2) over the Sudbury River.

Funding Program: Non–Federal Aid
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	
State Funds:	$819,000
Total Funds:	$819,000

Bedford, Billerica & Burlington **Middlesex Turnpike (Mitre Extension), Phase One** **029491**

Construct the Mitre Extension, a proposed new section of roadway, to connect Middlesex Turnpike to the intersection of Route 62 and Network Drive (formerly Kent Road). The remaining high-priority project (HPP) funds allocated to the Crosby Drive/Middlesex Turnpike Project are insufficient to fund the federal share of the cost of this Phase and must be supplemented with surface transportation program funds. The HPP funds total $1,922,102 and the surface transportation program funds total $3,117,898. The total cost of the project is $6,300,000.

Funding Program: Surface Transportation Program
Air Quality Status: Model
TIP Category: Arterial and Intersection

Federal Funds:	$3,117,898
State Funds:	$779,474
Total Funds:	$3,897,372

Bedford, Billerica & Burlington **Middlesex Turnpike (Mitre Extension), Phase One** **029491**

Construct the Mitre Extension, a proposed new section of roadway, to connect Middlesex Turnpike to the intersection of Route 62 and Network Drive (formerly Kent Road). The remaining high-priority project (HPP) funds allocated to the Crosby Drive/Middlesex Turnpike Project are insufficient to fund the federal share of the cost of this Phase and must be supplemented with surface transportation program funds. The HPP funds total $1,922,102 and the surface transportation program funds total $3,117,898. The total cost of the project is $6,300,000.

Funding Program: High Priority Project
Air Quality Status: Model
TIP Category: Arterial and Intersection

Federal Funds:	$1,922,102
State Funds:	$480,526
Total Funds:	$2,402,628

Bedford **Page Road Bridge** **603985**

Replace the Page Road Bridge (B-04-008) over Shawsheen River,

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$800,000
State Funds:	$200,000
Total Funds:	$1,000,000

Boston **Boston Traffic Management Center Operations**

Provide second-year funds for operation of the City of Boston's Traffic Management Center.

Funding Program: Congestion Mitigation and Air Quality Improvement
Air Quality Status: Off-Model
TIP Category: Enhancement

Federal Funds:	$306,000
Local Funds:	$76,500
Total Funds:	$382,500

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2007 total $74.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Insurance Trust Fund
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$0
State Funds:	$59,140,863
Total Funds:	$59,140,863

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2007 total $74.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	MassPike Funds
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$0
State Funds:	$10,759,243
Total Funds:	$10,759,243

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's non–federal aid Artery commitments for fiscal year 2007 total $74.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Insurance Trust Fund
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$0
State Funds:	$4,325,160
Total Funds:	$4,325,160

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2007 total $110.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$70,000,000
State Funds:	$17,500,000
Total Funds:	$87,500,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2007 total $110.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Surface Transportation Program/Boston MPO Earmar
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$20,000,000
State Funds:	$5,000,000
Total Funds:	$25,000,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2007 total $110.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Surface Transportation Program/Statewide
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$20,240,000
State Funds:	$5,060,000
Total Funds:	$25,300,000

Boston **Chelsea Street Bridge, Year Two**

Replace the Chelsea Street Bridge (B-16-020) over Chelsea River.

Funding Program:	Major Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$14,000,000
State Funds:	$3,500,000
Total Funds:	$17,500,000

Boston **Massachusetts Avenue** **600636**

Reconstruct Massachusetts Avenue from Westland Avenue to Albany Street.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$11,520,000
State Funds:	$2,880,000
Total Funds:	$14,400,000

Boston **South Bay Harbor Trail (Construction)**

Construct the South Bay Harbor Trail from Ruggles Station to Boston Harbor in South Boston along the Fort Point Channel.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$3,080,000
State Funds:	$770,000
Total Funds:	$3,850,000

Boston **Tremont Street, Phase One** **601274**

Reconstruct Tremont Street from Court Street to Boylston Street.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$4,000,000
State Funds:	$1,000,000
Total Funds:	$5,000,000

Boston & Everett **Route 99 (Alford Street) Bridge, Year Three** **603370**

Reconstruct the Route 99 (Alford Street) Bridge (B-16-29) over the Mystic River. This project was advertised for $24 million in fiscal year 2005 under the Advanced Construction Program and will be funded over a four-year period with federal funds.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$6,400,000
State Funds:	$1,600,000
Total Funds:	$8,000,000

Boston Region **Boston Region Transportation Projects**

Boston Region transportation projects to be determined.

Funding Program:	To be determined.
Air Quality Status:	To be determined.
TIP Category:	To be determined.

Federal Funds:	$0
State Funds:	$0
Total Funds:	$1,900,000

Boston Region **Improving the Region's Bicycle Parking Infrastructure Program**

Provide bicycle parking facilities in public centers and business districts to improve the region's multimodal transportation network. The bicycle parking facilities pilot program will fund up to 80 percent of the cost of bicycle parking units.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$544,800
Local Funds:	$136,200
Total Funds:	$681,000

Boston Region **Regional Transportation Demand Management Program**

Provide funding for regional or local shuttles, the formation of Transportation Management Associations (TMAs), or other Transportation Demand Management (TDM) projects.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Regional Mobility

Federal Funds:	$200,000
Local Funds:	$50,000
Total Funds:	$250,000

Boston Region **Suburban Mobility Improvement Program**

Provide funding for programs and projects that improve the mobility of residents in areas currently not served or underserved by transit. Potential services eligible for funding under this program include fixed-route shuttles serving markets not typically addressed (e.g., suburb-to-suburb and reverse commuting), employer-based van/carpool services, flexible-route shuttle services, and similar programs.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Regional Mobility

Federal Funds:	$520,000
Local Funds:	$130,000
Total Funds:	$650,000

Burlington & Woburn **Interstate 95**

Fund repitching of breakdown lane and structural overlay on Interstate 95.

Funding Program:	Interstate Maintenance
Air Quality Status:	Exempt
TIP Category:	Major Highway

Federal Funds:	$8,100,000
State Funds:	$900,000
Total Funds:	$9,000,000

Canton, Randolph, Westwood **Route 128 Improvement Program Contract 6, Year Two** **087800**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$5,200,000
State Funds:	$1,300,000
Total Funds:	$6,500,000

Concord **Pine Street Bridge** **600638**

Replace Pine Street Bridge (C-19-019) over the Assabet River.

Funding Program:	Non–Federal Aid
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	
State Funds:	$489,000
Total Funds:	$489,000

Danvers and Peabody **Route 128—Route 35 and Route 62 Interchanges** **087612**

Construct new acceleration/deceleration lanes at the Route 35 (High Street) and Route 62 (Elliot Street) interchanges.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Major Highway

Federal Funds:	$8,800,000
State Funds:	$2,200,000
Total Funds:	$11,000,000

Dedham & Westwood **Route 128 Improvement Program Contract 3, Year Three** **603162**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$6,600,000
State Funds:	$1,650,000
Total Funds:	$8,250,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Two** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: Major Bridge
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$2,300,000
State Funds:	$575,000
Total Funds:	$2,875,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Two** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$5,800,000
State Funds:	$1,450,000
Total Funds:	$7,250,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Two** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$4,800,000
State Funds:	$1,200,000
Total Funds:	$6,000,000

Framingham **Fountain Street Bridge** **604013**

Replace the Fountain Street Bridge (F-07-016) over MBTA/CSX tracks.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,377,600
State Funds:	$344,400
Total Funds:	$1,722,000

Framingham **Winter Street, Two Bridges** **602464**

Replace two bridges on Winter Street over the Sudbury River (F-7-3 and F-7-65).

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$786,400
State Funds:	$196,600
Total Funds:	$983,000

Hingham **Route 228, Phase Two** **604391**

Reconstruct roadway and perform intersection improvements from Queen Anne's Corner (Route 53) to Merrymount Road.

Funding Program: Surface Transportation Program
Air Quality Status: Exempt
TIP Category: Arterial and Intersection

Federal Funds:	$2,400,000
State Funds:	$600,000
Total Funds:	$3,000,000

Holliston **Courtland Street Bridge & Maple Street Bridge** **603029**

Replace the Courtland Street Bridge (H-20-12) over the Weston Pond Outlet and the Maple Street Bridge (H-20-11) over the Houghton Pond Inlet.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$148,000
State Funds:	$37,000
Total Funds:	$185,000

Holliston **Upper Charles Trail** **602929**

Construct a bicycle and pedestrian trail along an abandoned rail line from just west of Hopping Brook Road to Cross Street. This project is one section of the proposed Upper Charles Rail Trail.

Funding Program: Surface Transportation Program/Enhancement
Air Quality Status: Off-Model
TIP Category: Bicycle/Pedestrian

Federal Funds:	$490,400
State Funds:	$122,600
Total Funds:	$613,000

Hudson **Houghton Street Bridge** **604006**

Replace Houghton Street Bridge (H-25-004) over the Assabet River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$633,600
State Funds:	$158,400
Total Funds:	$792,000

Ipswich **Route 1A (High Street) Bridge** **602543**

Replace the Route 1A (High Street) Bridge (I-1-7) over the MBTA and the B&M Railroad.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,854,400
State Funds:	$463,600
Total Funds:	$2,318,000

Lynn & Saugus **Route 107 (Fox Hill) Bridge, Year One** **026710**

Replace the Route 107 (Fox Hill) Bridge (L-18-16 = S-5-8) over the Saugus River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$800,000
State Funds:	$200,000
Total Funds:	$1,000,000

Marshfield & Norwell **Union Street (Bridge Street) Bridge** **603360**

Reconstruct the Union Street (Bridge Street) Bridge (M-7-1=N-24-1) over the North River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,174,400
State Funds:	$293,600
Total Funds:	$1,468,000

Maynard **Route 27 (Waltham Street) Bridge** **603658**

Replace the Route 27 (Waltham Street) Bridge (W-10-7) over the Assabet River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,703,200
State Funds:	$425,800
Total Funds:	$2,129,000

Waltham & Weston **Interstate 95**

Fund milling and structural overlay on Interstate 95.

Funding Program: Interstate Maintenance
Air Quality Status: Exempt
TIP Category: Major Highway

Federal Funds:	$6,750,000
State Funds:	$750,000
Total Funds:	$7,500,000

Milford **Upper Charles Trail, Phase Two**

Construct the second phase of the Upper Charles Trail in Milford.

Funding Program: Congestion Mitigation and Air Quality Improvement
Air Quality Status: Off-Model
TIP Category: Bicycle/Pedestrian

Federal Funds:	$2,400,000
State Funds:	$600,000
Total Funds:	$3,000,000

North Reading & Reading **Route 28 Bridge** **603473**

Replace the Route 28 (Main Street) Bridge (N-18-8=R-3-3) over the Ipswich River.

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$714,400
State Funds:	$178,600
Total Funds:	$893,000

Randolph to Wellesley **Route 128 Improvement Program (Design)**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$280,000
State Funds:	$70,000
Total Funds:	$2,000,000

Salem **Route 1A (Bridge Steet)** **601017**

Reconstruct Route 1A (Bridge Street) from the Veterans' Memorial Bridge to Washington Street.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$1,632,000
State Funds:	$408,000
Total Funds:	$2,040,000

Somerville **Beacon Street** **601820**

Reconstruct Beacon Street from Oxford Street to the Cambridge city line. The high-priority project portion of this project is $2,309,753 and the surface transportation program portion is $810,247. The total cost of the project is $3.9 million.

Funding Program:	High-Priority Project
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$2,309,753
State Funds:	$577,438
Total Funds:	$2,887,191

Somerville **Beacon Street** **601820**

Reconstruct Beacon Street from Oxford Street to the Cambridge city line. The high-priority project portion of this project is $2,309,753 and the surface transportation program portion is $810,247. The total cost of the project is $3.9 million.

Funding Program:	Surface Transportation Program
Air Quality Status:	Exempt
TIP Category:	Arterial and Intersection

Federal Funds:	$810,247
State Funds:	$202,562
Total Funds:	$1,012,809

Somerville **Somerville Community Path, Phase One**

Construct Phase One of the Somerville Community Path from Cedar Street to Central Street.

Funding Program:	Surface Transportation Program/Enhancement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$400,000
State Funds:	$100,000
Total Funds:	$500,000

Stoneham, Winchester & Woburn **Tri-Community Bikeway (Design)**

Design a 5.7-mile bicycle facility in Stoneham, Winchester, and Woburn.

Funding Program:	Surface Transportation Program/Enhancement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$480,000
State Funds:	$120,000
Total Funds:	$600,000

Walpole **Bullard Street Bridge** **603745**

Replace Bullard Street Bridge (W-03-037) over Willett Pond outlet.

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$334,400
State Funds:	$83,600
Total Funds:	$418,000

Waltham **Winter Street Bridge, Year Four** **601498**

Reconstruct the Winter Street Bridge (W-4-25) over Interstate 95 (Route 128) and reconfigure the associated interchange. This project was advertised for $23 million in fiscal year 2004 under the Advanced Construction Program and will be funded over a four-year period.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$6,400,000
State Funds:	$1,600,000
Total Funds:	$8,000,000

Wellesley **Rockland Street Bridge** **600776**

Replace the Rockland Street Bridge (W-13-7) over Conrail.

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$636,000
State Funds:	$159,000
Total Funds:	$795,000

Weymouth **Route 18 (Right-of-Way)**

Purchase right-of-way for Route 18.

Funding Program:	High-Priority Projects
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$1,440,000
State Funds:	$360,000
Total Funds:	$1,800,000

Cape Ann **Cape Ann Transportation Authority** **CATA**

Provide funding for the capital and/or preventative maintenance costs of the Cape Ann Transportation Authority.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$344,568
State Funds:	$86,142
Total Funds:	$430,710

Blue Line **Blue Line Modernization** **MBTA**

Make improvements to the Blue Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $155.8 million in the fiscal years 2006–2010 TIP.

The funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Model
TIP Category:	Transit Service Enhancement

Federal Funds:	$33,024,193
MBTA Funds	$8,256,048
Total Funds:	$41,280,241

Blue Line **Blue Line Vehicles** **MBTA**

Purchase 94 Blue Line vehicles to enable the operation of six-car train sets and overhaul 24 current Blue Line vehicles for use on the Orange Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $115.7 million in the fiscal years 2006–2010 TIP.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$9,600,000
MBTA Funds	$2,400,000
Total Funds:	$12,000,000

Blue Line **Blue Line Vehicles** **MBTA**

Purchase 94 Blue Line vehicles to enable the operation of six-car train sets and overhaul 24 current Blue Line vehicles for use on the Orange Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $115.7 million in the fiscal years 2006–2010 TIP.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$33,925,703
MBTA Funds	$8,481,426
Total Funds:	$42,407,129

Bus **Arborway Maintenance Facility** **MBTA**

Project involves the design and construction of a permanent bus maintenance and storage facility.

Funding Program: Section 5307
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$21,704,585
MBTA Funds	$5,426,146
Total Funds:	$27,130,731

Red Line **Red Line Number 2 Car** **MBTA**

The purpose of this project is to upgrade and overhaul the Number 2 vehicles. This program will maintain critical components in a state of good repair and ensure that the vehicle fulfills its useful life.

Funding Program: Section 5309/Rail Modernization
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$4,800,000
MBTA Funds	$1,200,000
Total Funds:	$6,000,000

Systemwide **Grant Anticipation Notes (GANs) Program** **MBTA**

This program will fund the procurement of 175 Emission Control Diesel Buses and capital improvements to the Fairmount Corridor. This effort will be funded by a total of $119.3 million from fiscal year 2006 to fiscal year 2011.

The funds programmed here are for the reimbursement of principle and interest on GANs with Section 5307 funds for the purchase of 175 Emission Control Diesel Buses and the Fairmount Corridor Improvement Project, Phase One. The Fairmount corridor improvements, Phase One, will make improvements to the existing infrastructure of the Fairmount commuter rail line. These improvements include the rehabilitation of two stations (Morton Street and Uphams Corner), construction of new interlocking, upgrading of the existing signal system, and rehabilitation and/or replacement of bridges along the corridor.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program: Section 5307
Air Quality Status: Model (Fairmount) Off-Model (ECD Buses)
TIP Category: Transit State of Good Repair

Federal Funds:	$15,760,968
MBTA Funds	$3,940,242
Total Funds:	$19,701,210

Systemwide **MBTA Bridge Program** **MBTA**

Reconstruct, replace, or rehabilitate MBTA bridges throughout the MBTA system. This program is used to evaluate the condition of bridges based on results of inspection and load-rating analysis. This includes the Main Street Bridge in Concord ($3 million), the Merrimack River Bridge in Haverhill ($1.5 million), and bridge inspections ($1.5 million).

Funding Program: Section 5309/Rail Modernization
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$4,800,000
MBTA Funds	$1,200,000
Total Funds:	$6,000,000

Systemwide **MBTA Enhancement Program** **MBTA**

Funds programmed for this project will be used for bus shelters, the systemwide ITS program, rapid transit signage, and transit security.

A systems engineering process will be applied to the ITS components of this program to ensure consistency with the Regional ITS Architecture Plan for Metropolitan Boston as defined in the FTA National ITS Policy. Applicable ITS standards will be applied during the procurement/implementation stages of this program.

Funding Program:	Section 5307/Enhancement
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement

Federal Funds:	$951,382
MBTA Funds	$237,845
Total Funds:	$1,189,227

Systemwide **Preventative Maintenance** **MBTA**

The funding allocation for the MBTA Preventative Maintenance program for fiscal year 2007 totals $10 million. Funds will be used to maintain existing MBTA infrastructure and rolling stock among various modes.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$8,000,000
MBTA Funds	$2,000,000
Total Funds:	$10,000,000

Systemwide **Section 5309 Infrastructure Program** **MBTA**

Make infrastructure improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). The funds programmed here are $5 million for Worester Cab Signaling, $6.8 million for Green Line Power Improvements, $6 million for Commuter Rail Coach Overhaul, and $5 million for Commuter Rail Top Deck Overhaul.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$18,226,996
MBTA Funds	$4,556,749
Total Funds:	$22,783,745

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$14,463,528
MBTA Funds	$3,615,882
Total Funds:	$18,079,410

Fiscal Year 2008

Regional Highway Program

Federal-Aid Target Projects

Congestion Mitigation and Air Quality Improvement Program			*Federal Funds*	*State Funds*	*Total Funds*
Acton & Maynard		Assabet River Rail Trail	$3,512,000	$878,000	$4,390,000
Acton, Carlisle, Concord & Sudbury		Bruce Freeman Memorial Bicycle Path	$3,520,000	$880,000	$4,400,000
Boston		Boston Traffic Management Center Operations	$324,000	$81,000	$405,000
Boston Region		Regional Transportation Demand Management Program	$200,000	$50,000	$250,000
Boston Region		Suburban Mobility Improvement Program	$520,000	$130,000	$650,000
Boston Region		Improving the Region's Bicycle Parking Infrastructure Program	$544,800	$136,200	$681,000
Stoneham, Winchester & Woburn		Tri-Community Bikeway (Construction)	$3,520,000	$880,000	$4,400,000
		Congestion Mitigation and Air Quality Improvement Program Total	**$12,140,800**	**$3,035,200**	**$15,176,000**
		CMAQ Regional Target			**$10,741,776**

National Highway System			*Federal Funds*	*State Funds*	*Total Funds*
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Three	$4,800,000	$1,200,000	$6,000,000
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year One	$1,200,000	$300,000	$1,500,000
Canton, Randolph, Westwood	087800	Route 128 Improvement Program Contract 6, Year Three	$6,400,000	$1,600,000	$8,000,000
		National Highway System Total	**$12,400,000**	**$3,100,000**	**$15,500,000**

Surface Transportation Program			*Federal Funds*	*State Funds*	*Total Funds*
Bedford, Billerica & Burlington	029492	Middlesex Turnpike Improvement Project, Phase Two	$5,200,000	$1,300,000	$6,500,000
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	$15,760,000	$3,940,000	$19,700,000
Everett	602382	Route 99 (Broadway)	$1,600,000	$400,000	$2,000,000
Weymouth	601630	Route 18	$8,000,000	$6,000,000	$14,000,000
		Surface Transportation Program Total	**$30,560,000**	**$11,640,000**	**$42,200,000**

		Boston Region MPO Regional Target with State Match			**$68,634,577**
		Total Regional Target Programming			**$68,876,000**

Federal-Aid Bridge Projects

Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston	600944	American Legion Highway Bridge	$1,750,400	$437,600	$2,188,000
Boston	603654	Morton Street Bridge	$1,988,400	$497,100	$2,485,500
Boston	603443	River Street Bridge	$659,680	$164,920	$824,600
Boston	600867	Massachusetts Avenue Bridge	$1,200,000	$300,000	$1,500,000
Concord	604069	Route 2 (Concord Turnpike) Bridge	$1,977,600	$494,400	$2,472,000
Dover & Needham	603713	Willow Street Bridge	$536,240	$134,060	$670,300
Framingham	603694	Danforth Street Bridge	$1,004,960	$251,240	$1,256,200
Hingham	602643	Derby Street (Route 228) Bridge	$2,800,000	$700,000	$3,500,000
Millis	601667	Pleasant Street Bridge	$952,320	$238,080	$1,190,400
		Bridge Total	**$12,869,600**	**$3,217,400**	**$16,087,000**

Major Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston		Chelsea Street Bridge, Year Three	$14,000,000	$3,500,000	$17,500,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Three	$1,500,000	$375,000	$1,875,000
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year One	$800,000	$200,000	$1,000,000
		Major Bridge Total	**$16,300,000**	**$4,075,000**	**$20,375,000**

Advance Construction Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston & Everett	603370	Route 99 (Alford Street) Bridge, Year Four	$5,600,000	$1,400,000	$7,000,000
Dedham & Westwood	603162	Route 128 Improvement Program Contract 3, Year Four	$5,600,000	$1,400,000	$7,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Three	$2,880,000	$720,000	$3,600,000
Lynn & Saugus	026710	Route 107 (Fox Hill) Bridge, Year Two	$4,200,000	$1,050,000	$5,250,000
		Advance Construction Bridge Total	**$18,280,000**	**$4,570,000**	**$22,850,000**
				Federal-Aid Bridge Total	**$59,312,000**

Fiscal Year 2008

Regional Highway Program (continued)

Federal-Aid Major Infrastructure and Statewide Categories

Interstate Maintenance			*Federal Funds*	*State Funds*	*Total Funds*
Bolton, Boxborough & Harvard		Interstate 495	$9,000,000	$1,000,000	$10,000,000
Lynnfield & Peabody		Interstate 95	$4,500,000	$500,000	$5,000,000
Medford & Somerville		Interstate 93	$5,400,000	$600,000	$6,000,000
		Interstate Maintenance Total	**$18,900,000**	**$2,100,000**	**$21,000,000**

Federal-Aid Non-Target Projects

High-Priority Project (TEA-21)			*Federal Funds*	*State Funds*	*Total Funds*
Bedford, Billerica & Burlington	029492	Middlesex Turnpike Improvement Project, Phase Two	$640,000	$160,000	$800,000
Weymouth		Route 18 Design	$663,752	$165,938	$829,690
Weymouth		East-West Parkway Permitting	$2,400,000	$600,000	$3,000,000
		High-Priority Projects Total	**$3,703,752**	**$925,938**	**$4,629,690**

Total Federal-Aid Highway Program **$153,817,690**

Total Highway Program **$153,817,690**

Fiscal Year 2008

Central Artery/Tunnel Project

	Federal Funds	*State Funds*	*Total Funds*
National Highway System	$70,000,000	$17,500,000	$87,500,000
STP/Statewide	$27,230,000	$6,807,500	$34,037,500
STP/Boston MPO Earmark	$20,000,000	$5,000,000	$25,000,000
Federal-Aid Subtotal	**$117,230,000**		
Federal-Aid Matching Funds Subtotal		**$29,307,500**	
Total Fiscal Year 2008 Central Artery/Tunnel Funds			**$146,537,500**

Fiscal Year 2008

Regional Transit Program: Fiscal Year 2008 Funds

Section 5307		*Federal Funds*	*MBTA Funds*	*Total Funds*
Bus	Zero Series Bus Replacement	$16,416,066	$4,104,016	$20,520,082
Bus	Arborway Maintenance Facility	$40,683,015	$10,170,754	$50,853,769
Systemwide	Grant Anticipation Notes (GANs) Program	$23,347,587	$5,836,897	$29,184,484
Systemwide	Station Management Program	$5,408,116	$1,352,029	$6,760,145
Systemwide	MBTA Enhancement Program	$951,382	$237,845	$1,189,227
Systemwide	Preventative Maintenance	$8,000,000	$2,000,000	$10,000,000
	Section 5307 MBTA Match Total	**$94,806,166**	**$23,701,541**	**$118,507,707**
Bus	Bus Procurement	$24,800,000	$6,200,000	$31,000,000
		Federal Funds	*State Funds*	*Total Funds*
Cape Ann	Cape Ann Transportation Authority	$344,568	$86,142	$430,710
	Section 5307 State Match Total	**$344,568**	**$86,142**	**$430,710**

Section 5309		*Federal Funds*	*MBTA Funds*	*Total Funds*
Blue Line	Blue Line Modernization	$16,608,389	$4,152,097	$20,760,486
Systemwide	Station Management Program	$9,779,336	$2,444,834	$12,224,170
Systemwide	Bridge Program	$11,924,000	$2,981,000	$14,905,000
Red Line	Red Line Number 2 Car	$6,400,000	$1,600,000	$8,000,000
Section 5309 Infrastructure Program				
Commuter Rail	Commuter Rail Top Deck Overhaul	$2,499,080	$624,770	$3,123,850
Commuter Rail	Commuter Rail Coach Overhaul	$4,800,000	$1,200,000	$6,000,000
Commuter Rail	Worcester Cab Signaling	$7,088,116	$1,772,029	$8,860,145
Green Line	Power Improvements	$11,352,268	$2,838,067	$14,190,335
	Section 5309 Total	**$70,451,189**	**$17,612,797**	**$88,063,986**

Federal-Aid Subtotal	**$106,503,002**	
Federal-Aid State Matching Funds Subtotal		**$86,142**
Federal-Aid MBTA Matching Funds Subtotal		**$26,539,608**

Total FY 2008 Regional Transit Funds $133,128,752

Acton, Carlisle, Concord & Sudbury **Bruce Freeman Memorial Bicycle Path**

Construct Bruce Freeman Trail Phase Two from Westford to South Sudbury along the Lowell secondary track right-of-way owned by the Commonwealth of Massachusetts.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$3,520,000
State Funds:	$880,000
Total Funds:	$4,400,000

Acton & Maynard **Assabet River Rail Trail**

Construct the Acton and Maynard sections of the Assabet Rail Trail from Main Street in South Acton to the Maynard/Stow border.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$3,512,000
State Funds:	$878,000
Total Funds:	$4,390,000

Bedford, Billerica & Burlington **Middlesex Turnpike Improvement Project, Phase Two** **029492**

Widen Middlesex Turnpike from the Burlington town line to Manning Road in Billerica. The project also includes the reconfiguration of various intersections.

Funding Program:	High Priority Project
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$640,000
State Funds:	$160,000
Total Funds:	$800,000

Bedford, Billerica & Burlington **Middlesex Turnpike Improvement Project, Phase Two** **029492**

Widen Middlesex Turnpike from the Burlington town line to Manning Road in Billerica. The project also includes the reconfiguration of various intersections.

Funding Program:	Surface Transportation Program
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$5,200,000
State Funds:	$1,300,000
Total Funds:	$6,500,000

Bolton, Boxborough & Harvard **Interstate 495**

Fund structural overlay on Interstate 495.

Funding Program:	Interstate Maintenance
Air Quality Status:	Exempt
TIP Category:	Major Highway

Federal Funds:	$9,000,000
State Funds:	$1,000,000
Total Funds:	$10,000,000

Boston **American Legion Highway Bridge** **600944**

Reconstruct the American Legion Highway Bridge (B-16-217) over Route 203 (Morton Street).

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$1,750,400
State Funds:	$437,600
Total Funds:	$2,188,000

Boston **Boston Traffic Management Center Operations**

Provide third-year funds for operation of the City of Boston's Traffic Management Center.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Enhancement

Federal Funds:	$324,000
Local Funds:	$81,000
Total Funds:	$405,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2008 total $117.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$70,000,000
State Funds:	$17,500,000
Total Funds:	$87,500,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2008 total $117.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Surface Transportation Program/Boston MPO Earmar
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$20,000,000
State Funds:	$5,000,000
Total Funds:	$25,000,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2008 total $117.2 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes (GANs).

Funding Program:	Surface Transportation Program/Statewide
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$27,230,000
State Funds:	$6,807,500
Total Funds:	$34,037,500

Boston **Chelsea Street Bridge, Year Three**

Replace the Chelsea Street Bridge (B-16-020) over Chelsea River.

Funding Program: Major Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$14,000,000
State Funds:	$3,500,000
Total Funds:	$17,500,000

Boston **Massachusetts Avenue Bridge** **600867**

Replace the Massachusetts Avenue Bridge (B-16-237) over Commonwealth Avenue.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,200,000
State Funds:	$300,000
Total Funds:	$1,500,000

Boston **Morton Street Bridge** **603654**

Replace the Morton Street Bridge (B-16-163) over the MBTA and CSX Railroad.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,988,400
State Funds:	$497,100
Total Funds:	$2,485,500

Boston **River Street Bridge** **603443**

Replace the River Street Bridge (B-16-167) over Amtrak and the MBTA.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$659,680
State Funds:	$164,920
Total Funds:	$824,600

Boston & Everett **Route 99 (Alford Street) Bridge, Year Four** **603370**

Reconstruct the Route 99 (Alford Street) Bridge (B-16-29) over the Mystic River. This project was advertised for $24 million in fiscal year 2005 under the Advanced Construction Program and will be funded over a four-year period with federal funds.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$5,600,000
State Funds:	$1,400,000
Total Funds:	$7,000,000

Boston Region **Improving the Region's Bicycle Parking Infrastructure Program**

Provide bicycle parking facilities in public centers and business districts to improve the region's multimodal transportation network. The bicycle parking facilities pilot program will fund up to 80 percent of the cost of bicycle parking units.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$544,800
Local Funds:	$136,200
Total Funds:	$681,000

Boston Region **Regional Transportation Demand Management Program**

Provide funding for regional or local shuttles, the formation of Transportation Management Associations (TMAs), or other Transportation Demand Management (TDM) projects.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Regional Mobility

Federal Funds:	$200,000
Local Funds:	$50,000
Total Funds:	$250,000

Boston Region **Suburban Mobility Improvement Program**

Provide funding for programs and projects that improve the mobility of residents in areas currently not served or underserved by transit. Potential services eligible for funding under this program include fixed-route shuttles serving markets not typically addressed (e.g., suburb-to-suburb and reverse commuting), employer-based van/carpool services, flexible-route shuttle services, and similar programs.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Regional Mobility

Federal Funds:	$520,000
Local Funds:	$130,000
Total Funds:	$650,000

Canton, Randolph & Westwood **Route 128 Improvement Program Contract 6, Year Three** **087800**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$6,400,000
State Funds:	$1,600,000
Total Funds:	$8,000,000

Concord **Route 2 (Concord Turnpike) Bridge** **604069**

Replace the Route 2 (Concord Turnpike) Bridge, (C-19-021), over the Sudbury River. Work under this assignment includes an engineering investigation into the suitability for repairing the existing arch and walls of the Route 2 (Concord Turnpike) bridge over the Sudbury River in Concord.

Funding Program:	Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$1,977,600
State Funds:	$494,400
Total Funds:	$2,472,000

Concord & Lincoln **Route 2 (Crosby's Corner)** **602984**

Make safety and operations improvements at Crosby's Corner (intersection of Route 2, Cambridge Turnpike, and Route 2A/Concord Turnpike) from Bedford Road in Lincoln to Route 126 in Concord. This project includes construction of a bridge to separate Route 2 over the other routes and construction of neighborhood service roads parallel to Route 2. The project starts at the Bedford Road intersection in the Town of Lincoln and extends to the intersection of Route 126 with Route 2 in the Town of Concord.

Funding Program:	Surface Transportation Program
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$15,760,000
State Funds:	$3,940,000
Total Funds:	$19,700,000

Dedham & Westwood **Route 128 Improvement Program Contract 3, Year Four** **603162**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$5,600,000
State Funds:	$1,400,000
Total Funds:	$7,000,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Three** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Bridge (Advance Construction)
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$2,880,000
State Funds:	$720,000
Total Funds:	$3,600,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Three** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$4,800,000
State Funds:	$1,200,000
Total Funds:	$6,000,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Three** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: Major Bridge
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$1,500,000
State Funds:	$375,000
Total Funds:	$1,875,000

Dover & Needham **Willow Street Bridge** **603713**

Replace the Willow Street Bridge over the Charles River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$536,240
State Funds:	$134,060
Total Funds:	$670,300

Everett **Route 99 (Broadway)** **602382**

Reconstruct Route 99 (Broadway) from Sweetser Circle to the Boston city line at the traffic signals.

Funding Program: Surface Transportation Program
Air Quality Status: Exempt
TIP Category: Arterial and Intersection

Federal Funds:	$1,600,000
State Funds:	$400,000
Total Funds:	$2,000,000

Framingham **Danforth Street Bridge** **603694**

Reconstruction of the Danforth Street Bridge over the Sudbury River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$1,004,960
State Funds:	$251,240
Total Funds:	$1,256,200

Hingham **Derby Street (Route 228) Bridge** **602643**

Replace the Route 228 (Derby Street) Bridge (H-15-12) over Route 3.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$2,800,000
State Funds:	$700,000
Total Funds:	$3,500,000

Lynn & Saugus **Route 107 (Fox Hill) Bridge, Year Two** **026710**

Replace the Route 107 (Fox Hill) Bridge (L-18-16 = S-5-8) over the Saugus River.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$4,200,000
State Funds:	$1,050,000
Total Funds:	$5,250,000

Lynnfield & Peabody **Interstate 95**

Fund structural overlay on Interstate 95.

Funding Program: Interstate Maintenance
Air Quality Status: Exempt
TIP Category: Major Highway

Federal Funds:	$4,500,000
State Funds:	$500,000
Total Funds:	$5,000,000

Medford & Somerville **Interstate 93**

Fund structural overlay on Interstate 93.

Funding Program: Interstate Maintenance
Air Quality Status: Exempt
TIP Category: Major Highway

Federal Funds:	$5,400,000
State Funds:	$600,000
Total Funds:	$6,000,000

Millis **Pleasant Street Bridge** **601667**

Replace the Pleasant Street Bridge (M-23-6) over the Charles River.

Funding Program: Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$952,320
State Funds:	$238,080
Total Funds:	$1,190,400

Needham & Wellesley **Route 128 Improvement Program Contract 5, Year One** **603711**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$1,200,000
State Funds:	$300,000
Total Funds:	$1,500,000

Needham & Wellesley **Route 128 Improvement Program Contract 5, Year One** **603711**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Major Bridge
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$800,000
State Funds:	$200,000
Total Funds:	$1,000,000

Stoneham, Woburn & Winchester **Tri-Community Bikeway (Construction)**

Construct a 5.7-mile bicycle facility in Stoneham, Winchester, and Woburn.

Funding Program:	Congestion Mitigation and Air Quality Improvement
Air Quality Status:	Off-Model
TIP Category:	Bicycle/Pedestrian

Federal Funds:	$3,520,000
State Funds:	$880,000
Total Funds:	$4,400,000

Weymouth **East-West Parkway Permitting**

Provide funds for environmental permitting associated with the East-West Parkway as part of the redevelopment of the South Weymouth Naval Air Station.

Funding Program:	High Priority Projects
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$2,400,000
State Funds:	$600,000
Total Funds:	$3,000,000

Weymouth **Route 18 Design**

Fund the design of Route 18 from Route 3 in Weymouth to Route 139 in Abington.

Funding Program:	High Priority Project
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$663,752
State Funds:	$165,938
Total Funds:	$829,690

Weymouth **Route 18** **601630**

Widen Route 18 (Main Street) from two to four lanes from Route 3 in Weymouth to Route 139 in Abington. The Boston Region MPO federal-aid portion of the project is $8 million.

Funding Program:	Surface Transportation Program
Air Quality Status:	Model
TIP Category:	Arterial and Intersection

Federal Funds:	$8,000,000
State Funds:	$6,000,000
Total Funds:	$14,000,000

Cape Ann **Cape Ann Transportation Authority** **CATA**

Provide funding for the capital and/or preventative maintenance costs of the Cape Ann Transportation Authority.

Funding Program: Section 5307
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$344,568
State Funds:	$86,142
Total Funds:	$430,710

Blue Line **Blue Line Modernization** **MBTA**

Make improvements to the Blue Line, consistent with the MBTA's Capital Investment Program (CIP). This is a multiyear project programmed for a total of $155.8 million in the fiscal years 2006–2010 TIP.

The funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program: Section 5309/Rail Modernization
Air Quality Status: Model
TIP Category: Transit Service Enhancement

Federal Funds:	$16,608,389
MBTA Funds	$4,152,097
Total Funds:	$20,760,486

Bus **Arborway Maintenance Facility** **MBTA**

Design and construct a permanent bus maintenance and storage facility.

Funding Program: Section 5307
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$40,683,015
MBTA Funds	$10,170,754
Total Funds:	$50,853,769

Bus **MBTA Bus Procurement** **MBTA**

This funds the procurement of 85 Emission Control Diesel buses with a project budget not to exceed $31 million. The MBTA intends to fund this project initially with MBTA revenue bonds. Depending upon funding levels in TEA-21 reauthorization, the MBTA will seek Section 5307 funds for this effort.

Funding Program: Section 5307
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$24,800,000
MBTA Funds	$6,200,000
Total Funds:	$31,000,000

Bus **Zero Series Bus Replacement** **MBTA**

Purchase replacement vehicles for the Zero Series buses.

Funding Program: Section 5307
Air Quality Status: Exempt
TIP Category: Transit State of Good Repair

Federal Funds:	$16,416,066
MBTA Funds	$4,104,016
Total Funds:	$20,520,082

Red Line **Red Line Number 2 Car** **MBTA**

Upgrade and overhaul the Number 2 vehicles. This program will maintain critical components in a state-of-good-repair to ensure that the vehicle fulfills its useful life.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$6,400,000
MBTA Funds	$1,600,000
Total Funds:	$8,000,000

Systemwide **Grant Anticipation Notes (GANs) Program** **MBTA**

This program will fund the procurement of 175 Emission Control Diesel Buses and capital improvements to the Fairmount Corridor. This effort will be funded by a total of $119.3 million from fiscal year 2006 to fiscal year 2011.

The funds programmed here are for the reimbursement of principle and interest on GANs with Section 5307 funds for the purchase of 175 Emission Control Diesel Buses and the Fairmount Corridor Improvement Project, Phase One. The Fairmount corridor improvements, Phase One will make improvements to the existing infrastructure of the Fairmount commuter rail line. These improvements include the rehabilitation of two stations (Morton Street and Uphams Corner), construction of new interlocking, upgrading of the existing signal system, and rehabilitation and/or replacement of bridges along the corridor.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5307
Air Quality Status:	Model (Fairmount) Off-Model (ECD Buses)
TIP Category:	Transit State of Good Repair

Federal Funds:	$23,347,587
MBTA Funds	$5,836,897
Total Funds:	$29,184,484

Systemwide **MBTA Bridge Program** **MBTA**

Design and reconstruct one or more of the following bridges: Drawbridge 1 at North Station ($4.725 million), Beverly Drawbridge ($630,000), and Washington Street Bridge ($9.55 million).

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$11,924,000
MBTA Funds	$2,981,000
Total Funds:	$14,905,000

Systemwide **MBTA Enhancement Program** **MBTA**

Funds programmed for this project will be used for bus shelters, the systemwide ITS program, rapid transit signage, and transit security.

A systems engineering process will be applied to the ITS components of this program to ensure consistency with the Regional ITS Architecture Plan for Metropolitan Boston as defined in the FTA National ITS Policy. Applicable ITS standards will be applied during the procurement/implementation stages of this program.

Funding Program:	Section 5307/Enhancement
Air Quality Status:	Exempt
TIP Category:	Transit Service Enhancement

Federal Funds:	$951,382
MBTA Funds	$237,845
Total Funds:	$1,189,227

Systemwide **Preventative Maintenance** **MBTA**

The funding allocation for the MBTA Preventative Maintenance program for fiscal year 2008 totals $10 million. Funds will be used to maintain existing MBTA infrastructure and rolling stock among various modes.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$8,000,000
MBTA Funds	$2,000,000
Total Funds:	$10,000,000

Systemwide **Section 5309 Infrastructure Program** **MBTA**

Make infrastructure improvements to the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). The funds programmed here are $8.9 million for Worester Cab Signaling, $14.2 million for Green Line Power Improvements, $6 million for Commuter Rail Coach Overhaul, and $3.1 million for Commuter Rail Top Deck Overhaul.

These funding allocations are based upon the best information available as of June 23, 2005. The actual amount of funding requested for projects under this program will be determined by the MBTA as part of its request for the award of funds from the Federal Transit Administration.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$25,739,464
MBTA Funds	$6,434,866
Total Funds:	$32,174,330

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program:	Section 5307
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$5,408,116
MBTA Funds	$1,352,029
Total Funds:	$6,760,145

Systemwide **Station Management Program** **MBTA**

Install an automated advanced fare collection system, Hub Station Management Centers, and a Wide-Area Network for the regional public transportation system, consistent with the MBTA's Capital Investment Program (CIP). Approximately $151.9 million is programmed for the Station Management Program in the fiscal years 2006–2010 TIP.

Funding Program:	Section 5309/Rail Modernization
Air Quality Status:	Exempt
TIP Category:	Transit State of Good Repair

Federal Funds:	$9,779,336
MBTA Funds	$2,444,834
Total Funds:	$12,224,170

Fiscal Year 2009

Regional Highway Program

Federal-Aid Target Projects

National Highway System			*Federal Funds*	*State Funds*	*Total Funds*
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year Two	$8,000,000	$2,000,000	$10,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Four	$8,200,000	$2,050,000	$10,250,000
Canton, Randolph, Westwood	087800	Route 128 Improvement Program Contract 6, Year Four	$5,200,000	$1,300,000	$6,500,000
		National Highway System Total	**$21,400,000**	**$5,350,000**	**$26,750,000**

Federal-Aid Bridge Projects

Major Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston		Chelsea Street Bridge, Year Four	$14,000,000	$3,500,000	$17,500,000
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year Two	$6,200,000	$1,550,000	$7,750,000
		Major Bridge Total	**$20,200,000**	**$5,050,000**	**$25,250,000**

Advance Construction Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Four	$7,600,000	$1,900,000	$9,500,000
Lynn & Saugus	026710	Route 107 (Fox Hill) Bridge, Year Three	$4,200,000	$1,050,000	$5,250,000
		Advance Construction Bridge Total	**$11,800,000**	**$2,950,000**	**$14,750,000**

Total Federal-Aid Highway Program **$66,750,000**

Total Highway Program **$66,750,000**

Central Artery/Tunnel Project

	Federal Funds	*State Funds*	*Total Funds*
National Highway System	$70,000,000	$17,500,000	$87,500,000
STP/Statewide	$36,845,000	$9,211,250	$46,056,250
STP/Boston MPO Earmark	$20,000,000	$5,000,000	$25,000,000
Federal-Aid Subtotal	**$126,845,000**		
Federal-Aid Matching Funds Subtotal		**$31,711,250**	
Total Fiscal Year 2009 Central Artery/Tunnel Funds			**$158,556,250**

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2009 total $151.3 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes.

Funding Program:	Surface Transportation Program/Boston MPO Earmar
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$20,000,000
State Funds:	$5,000,000
Total Funds:	$25,000,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2009 total $151.3 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes.

Funding Program:	Surface Transportation Program/Statewide
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$61,290,000
State Funds:	$15,322,500
Total Funds:	$76,612,500

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2009 total $151.3 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$70,000,000
State Funds:	$17,500,000
Total Funds:	$87,500,000

Boston **Chelsea Street Bridge, Year Four**

Replace the Chelsea Street Bridge (B-16-020) over Chelsea River.

Funding Program:	Major Bridge
Air Quality Status:	Exempt
TIP Category:	Bridge

Federal Funds:	$14,000,000
State Funds:	$3,500,000
Total Funds:	$17,500,000

Canton, Randolph & Westwood **Route 128 Improvement Program Contract 6, Year Four** **087800**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$5,200,000
State Funds:	$1,300,000
Total Funds:	$6,500,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Four** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Model
TIP Category: Bridge

Federal Funds:	$7,600,000
State Funds:	$1,900,000
Total Funds:	$9,500,000

Dedham, Needham & Westwood **Route 128 Improvement Program Contract 4, Year Four** **603206**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$8,200,000
State Funds:	$2,050,000
Total Funds:	$10,250,000

Lynn & Saugus **Route 107 (Fox Hill) Bridge, Year Three** **026710**

Replace the Route 107 (Fox Hill) Bridge (L-18-16 = S-5-8) over the Saugus River.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$4,200,000
State Funds:	$1,050,000
Total Funds:	$5,250,000

Needham & Wellesley **Route 128 Improvement Program Contract 5, Year Two** **603711**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: Major Bridge
Air Quality Status: Model
TIP Category: Bridge

Federal Funds:	$6,200,000
State Funds:	$1,550,000
Total Funds:	$7,750,000

Needham & Wellesley **Route 128 Improvement Program Contract 5, Year Two** **603711**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$8,000,000
State Funds:	$2,000,000
Total Funds:	$10,000,000

Fiscal Year 2010

Regional Highway Program

Federal-Aid Target Projects

National Highway System			*Federal Funds*	*State Funds*	*Total Funds*
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year Three	$9,600,000	$2,400,000	$12,000,000
		National Highway System Total	**$9,600,000**	**$2,400,000**	**$12,000,000**

Federal-Aid Bridge Projects

Major Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Boston		Chelsea Street Bridge, Year Five	$13,200,000	$3,300,000	$16,500,000
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year Three	$11,000,000	$2,750,000	$13,750,000
		Major Bridge Total	**$24,200,000**	**$6,050,000**	**$30,250,000**

Advance Construction Bridge			*Federal Funds*	*State Funds*	*Total Funds*
Lynn & Saugus	026710	Route 107 (Fox Hill) Bridge, Year Four	$4,200,000	$1,050,000	$5,250,000
		Advance Construction Bridge Total	**$4,200,000**	**$1,050,000**	**$5,250,000**

Total Federal-Aid Highway Program **$47,500,000**

Total Highway Program **$47,500,000**

Central Artery/Tunnel Project

	Federal Funds	*State Funds*	*Total Funds*
National Highway System	$70,000,000	$17,500,000	$87,500,000
STP/Statewide	$61,290,000	$15,322,500	$76,612,500
STP/Boston MPO Earmark	$20,000,000	$5,000,000	$25,000,000
Federal-Aid Subtotal	**$151,290,000**		
Federal-Aid Matching Funds Subtotal		**$37,822,500**	

Total Fiscal Year 2010 Central Artery/Tunnel Funds **$189,112,500**

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2010 total $151.3 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes.

Funding Program: Surface Transportation Program/Statewide
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$61,290,000
State Funds:	$15,322,500
Total Funds:	$76,612,500

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2010 total $151.3 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes.

Funding Program: Surface Transportation Program/Boston MPO Earmar
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$20,000,000
State Funds:	$5,000,000
Total Funds:	$25,000,000

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery. The state's federal-aid Artery commitments for fiscal year 2010 total $151.3 million for payments on Advanced Construction contracts and the repayment of Grant Anticipation Notes.

Funding Program: National Highway System
Air Quality Status: Model
TIP Category: Major Highway

Federal Funds:	$70,000,000
State Funds:	$17,500,000
Total Funds:	$87,500,000

Lynn & Saugus **Route 107 (Fox Hill) Bridge, Year Four** **026710**

Replace the Route 107 (Fox Hill) Bridge (L-18-16 = S-5-8) over the Saugus River.

Funding Program: Bridge (Advance Construction)
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$4,200,000
State Funds:	$1,050,000
Total Funds:	$5,250,000

Boston **Chelsea Street Bridge, Year Five**

Replace the Chelsea Street Bridge (B-16-020) over Chelsea River.

Funding Program: Major Bridge
Air Quality Status: Exempt
TIP Category: Bridge

Federal Funds:	$13,200,000
State Funds:	$3,300,000
Total Funds:	$16,500,000

Needham & Wellesley **Route 128 Improvement Program Contract 5, Year Three** **603711**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	National Highway System
Air Quality Status:	Model
TIP Category:	Major Highway

Federal Funds:	$9,600,000
State Funds:	$2,400,000
Total Funds:	$12,000,000

Needham & Wellesley **Route 128 Improvement Program Contract 5, Year Three** **603711**

Widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Funding Program:	Major Bridge
Air Quality Status:	Model
TIP Category:	Bridge

Federal Funds:	$11,000,000
State Funds:	$2,750,000
Total Funds:	$13,750,000

Chapter 4
Determination of Air Quality Conformity

Background

The commonwealth of Massachusetts is classified as being in moderate nonattainment for the eight-hour ozone standard and is divided into two nonattainment areas. The eastern Massachusetts ozone nonattainment area includes Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprise the western Massachusetts ozone nonattainment area. The 1990 Clean Air Act Amendments (CAAA) required the Commonwealth to reduce its emissions of volatile organic compounds (VOCs) and nitrogen oxides (NOx), the two major precursors to ozone formation, to achieve attainment of the ozone standard by 1999 and beyond; however, the attainment date was later extended, first to 2003 and a second time in 2007. The Boston area carbon monoxide (CO) maintenance area must also maintain reduced emission levels of CO.[1] In April 2002 Waltham was redesignated as being in attainment for CO, with a United States Environmental Protection Agency (EPA)–approved limited maintenance plan (see the Boston Region MPO's 2004–2025 Regional Transportation Plan for more details).

The CAAA also required metropolitan planning organizations (MPOs) within nonattainment areas to perform conformity determinations prior to the approval of their Regional Transportation Plans and Transportation Improvement Programs (TIPs). In May 2005 air quality conformity redeterminations were conducted on the 2004 Regional Transportation Plans of all of the state's MPOs. The purpose was to evaluate the Regional Transportation Plans' air quality impacts on the State Implementation Plan (SIP). The conformity redeterminations were performed to ensure compliance with the new eight-hour standard. A second conformity determination is now being conducted on the 2004 Plan to revise construction time frames for several projects that have been included in this 2006–2010 TIP. The analysis will provide the updated air quality results associated with these changes.

Accordingly, the Executive Office of Transportation (EOT) will compile these changes to the emission levels from the 2004 Regional Transportation Plans to be in conformance with the SIP. Each MPO has certified that all activities outlined in its Regional Transportation Plan and its TIP:

- will not cause or contribute to any new violation of any standard in any area,
- will not increase the frequency or severity of any existing violation of any standard in any area, and
- will not delay the timely attainment of any standard or any required interim emission reductions or other milestones in any area.

Key elements of the fiscal years 2006–2010 TIP related to air quality conformity are as follows:

- This TIP is financially constrained, and all projects in the TIP come from the conforming 2004–2025 Regional Transportation Plan of the Boston Region MPO.

[1] The Boston area carbon monoxide maintenance area is composed of Boston, Cambridge, Chelsea, Everett, Malden, Medford, Quincy, Revere, and Somerville.

- All regionally significant projects included in the TIP have been included in the air quality analysis for the conforming Plan. These projects are of the same design and concept as presented in the Plan.
- Because projects in the TIP come from the conforming Plan, *and* all regionally significant Plan projects for 2006 through 2010 (both Federal and Non–Federal Aid) are programmed in the TIP, the same air quality analysis used for the Plan can be used for the TIP.
- Therefore, this TIP, in combination with the TIPs from the other MPOs in the nonattainment area, demonstrates air quality conformity.

Timely Implementation of Transportation Control Measures

Transportation control measures (TCMs) were required in the SIP in revisions submitted to the U.S. Environmental Protection Agency (EPA) in 1979 and 1982, and in those submitted as mitigation measures for the construction of the Central Artery/Tunnel Project. Those TCMs included in the 1979 and 1982 submissions have been accomplished through construction or through implementation of ongoing programs. The only exceptions are the bus immersion heater program, the Newton Rider bus service, the private bus insurance discount concept, and the pedestrian malls in Lynn, Cambridge, and Needham. These TCMs have been substituted with other services. All of the projects have been included in past Boston Region MPO Regional Transportation Plans and TIPs as recommended projects or projects requiring further study.

The status of all projects completed or ongoing as part of the Central Artery/Tunnel Project mitigation was updated in the summary of actions taken by EOT, Massachusetts Highway Department (MassHighway), the Massachusetts Bay Transportation Authority (MBTA), and other agencies to fulfill their commitments to the Artery (dated September 2, 2004). A list of those projects includes:

- Southeast Expressway High-Occupancy-Vehicle (HOV) Lane
- HOV Lane on I-93 (Mystic Avenue)
- 20,000 New Park-and-Ride Spaces
- Ipswich Commuter Rail Extension to Newburyport
- Old Colony Commuter Rail Extension
- Framingham Commuter Rail Extension to Worcester
- Green Line Extension to Medford Hillside
- Red Line/Blue Line Connector

The status of those TCMs that were submitted as SIP commitments as part of the Central Artery/Tunnel Project mitigation and have not been completed is discussed below.

The Massachusetts Department of Environmental Protection (DEP) submitted to EPA their strategy of programs to show “reasonable further progress” of a 15 percent reduction of volatile organic compounds (VOCs) in 1996 and the further 9 percent reduction of NOx toward attainment of the National Ambient Air Quality Standards (NAAQS) for ozone in 1999 and beyond. As part of that strategy, there are no specific TCM projects. Traffic flow improvements to reduce congestion and, therefore, improve air quality are encouraged. Other transportation-related projects that have been included in the SIP control strategy are listed below:

- Enhanced Inspection and Maintenance Program
- California Low-Emission-Vehicle Program
- Reformulated Gasoline for On- and Off-Road Vehicles
- Stage II Vapor Recovery at Gasoline Refueling Stations
- Tier I Federal Vehicle Standards

The Status of the Legal Commitments under the SIP and the Central Artery/Tunnel Project Not Yet Completed

The status of those TCMs that were submitted as SIP commitments as part of the Central Artery/Tunnel Project mitigation and were not completed by the originally scheduled dates was updated under the Administrative Consent Order (ACO) signed by EOT and the Executive Office of Environmental Affairs (EOEA) in September 2000. The September 2000 ACO reconciled and adjusted the dates of completion for these projects. This conformity determination includes all projects that are part of the ACO. The two transit TCM SIP commitment projects in the ACO that have not been completed on schedule are the Greenbush Line of the Old Colony Commuter Rail Service and the Arborway Restoration project. Interim substitute projects have been submitted to DEP for these projects and are included in the Transportation Plan.

An amended ACO that outlines revised schedules, mitigation measures, a supplemental environmental project, and financial penalties to address violations was signed in January 2005 by the transportation agency to meet public transit commitments that are part of mitigation measures for the Central Artery/Tunnel Project. All projects included in both ACOs are included in the Transportation Plan.

Reevaluation Process of SIP TCMs

As outlined in the ACOs, several SIP TCM commitments remain outstanding. The Office of Commonwealth Development (OCD), EOT, and DEP are interested in reevaluating these projects to ensure that any further transportation investments fund the best regionally significant projects that meet air quality goals and requirements. Transportation planning and decision-making have changed significantly since adoption of these Central Artery/Tunnel SIP commitments. The agencies have embarked upon a reevaluation process for three projects—the Green Line Arborway Restoration, the Red Line/Blue Line Connector, and the Green Line Extension to Medford Hillside.

In 2003 the MBTA completed a new Program for Mass Transportation (PMT). The PMT is the MBTA's long-range planning document and the foundation for transit capital planning in eastern Massachusetts. The 2003 PMT prioritized projects within modes and by investment category. It expanded on the evaluation criteria that were used in previous PMTs and determined overall project ratings based on factors such as utilization, mobility, cost-effectiveness, air quality, service quality, economic and land use impacts, and environmental justice. The PMT rated the Arborway Restoration, the Red Line/Blue Line Connector, and Green Line to Medford Hillside projects as medium-priority rapid transit expansions. The PMT ratings suggested that these projects may no longer be the best investments for the region.

In the current Regional Transportation Plan, the MPO used the PMT ratings to select transit projects. Despite their medium-priority rating within the PMT, the MPO did prioritize funding for these projects

because they are SIP commitments, and the Commonwealth is required to show timely implementation of the TCMs.

The Romney Administration has placed a significant emphasis on objective criteria, and this focus has been reflected within the transportation decision-making process. In 2003, EOT developed objective criteria and presented them to the Commonwealth's MPOs and the general public. The Boston Region MPO had already begun work on objective criteria, which were similar to those developed for statewide use, and they applied those objective criteria to their fiscal years 2005–2009 and 2006–2010 TIPs. The use of objective selection criteria in programming funds is an important change within the Commonwealth. The state, along with its MPOs, has adopted a more rational, transparent approach to project prioritization.

For these reasons, OCD, EOT, and DEP, along with other partners, are in the process of reexamining the Red Line/Blue Line Connector, the Green Line Extension to Medford Hillside, and Arborway Restoration projects. OCD, EOT, and DEP recognize the importance of this effort, since the timely implementation of TCMs is critical to the Commonwealth for achieving air quality conformity and its air quality goals.

The three SIP commitments were included in the 2004 Transportation Plan, which stated that progress on these projects and information on their funding will be reported in the Boston Region MPO's annual TIP. The following is a status report on those projects.

Correspondence between EOT and DEP has been ongoing since the adoption of the 2004 Plan. On December 8, 2003, DEP Commissioner Golledge sent a letter to EOT Secretary Grabauskas notifying EOT that there are areas of noncompliance with the Administrative Consent Order and requesting a meeting between the two agencies. The agencies met, and on January 22, 2004, Commissioner Golledge sent a follow-up letter reasserting the need for the agencies to work together to address outstanding issues. He stated that a process needs to be established to involve and solicit input from the public.

At the May 18, 2004, Central Artery/Tunnel Project Environmental Oversight Committee meeting, Commissioner Golledge said there was a need to revisit the mitigation projects and it would be done in a public, open, and transparent manner. He said that if there are to be any changes, the overall goal is to ensure that the air quality benefits are equal to those in the existing projects. Mobility, ridership, service quality, environmental justice, land use, and economic development will also be considered. EOT will develop a process in consultation with DEP and will include input from the public to determine if the existing mitigation projects are the projects that will provide the best air quality benefits to the public. The Boston Region MPO will be involved in that process.

On September 2, 2004, EOT submitted the Transit Commitments 2004 Project Schedule and Project Update to the Massachusetts Department of Environmental Affairs. In the cover letter transmitting the report, EOT recognizes the air quality benefits of the transit commitments and is dedicated to providing equal or greater benefits if any changes are made to the existing list of projects. They outlined their intentions for a comprehensive public involvement process and for working cooperatively with concerned MPOs should any changes to the SIP be necessary. In the letter, EOT asked DEP to confirm for EOT the air quality benefits to be derived from the remaining projects. The confirmation allowed

EOT to begin an open and transparent process to develop a possible new set of projects, or even a single project, to meet the standards of the air quality benefits of the transit commitments.

On October 26, 2004, Commissioner Golledge responded by calling for a joint public meeting on the remaining transit commitments. He also agreed with the estimates of emission reductions that were included in the September 2, 2004, letter.

On November 10, 2004, EOT submitted a summary of the reasoning that prompted the revisiting of the SIP commitments to the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and DEP. The process, which involves six steps, began in December 2004, with an estimated completion date of December 2005.

The first step of the process included initial outreach and air quality goal setting. This process began with a public meeting sponsored by EOT and DEP on December 14, 2004, at the Gardner Auditorium of the State House on Beacon Hill. Two additional public meetings were scheduled because a number of people commented that many could not attend on December 14 because the meeting was held during the day. Public meetings were held in Jamaica Plain and Somerville subsequently.

DEP reviewed the public comments and provided an air quality budget in a letter to EOT dated March 25, 2005, that quantifies the air quality benefits needed to meet the Commonwealth's obligations to the SIP. Commissioner Golledge established that the air quality benefits associated with the three projects being reevaluated are required to be 110 percent of the budget.

EOT and the Boston Region MPO are currently finishing up step two of the process. This step involves the examination of the high-priority transit projects included in the PMT and all outstanding SIP transit commitments in the Boston Region MPO area using the state's objective criteria to determine the most important regional projects. EOT presented their preferred alternative to the three projects to DEP in a letter dated May 18, 2005, and to the Boston Region MPO in meetings on May 26, 2005, and June 14, 2005. The preferred alternative includes:

- Enhanced Green Line extended beyond Lechmere to West Medford and Union Square
- Fairmount Line improvements
- 1,000 additional parking spaces in the Boston region

The Boston Region MPO posted this information on their Web site and held a public meeting, on June 22, 2005, to hear comments concerning these changes. The next step includes DEP's consideration of regulatory changes in order to implement the proposed project changes.

The following is a status report on the two projects that have not been completed on schedule and on those required to be completed in the future.

Old Colony/Greenbush Commuter Rail

Schedule: The original completion date for the Greenbush Line, as set forth in the SIP, was December 31, 1996. An extension was granted to December 31, 1999. In November 2000, the MBTA provided DEP with a series of interim offsets for this project that will remain in effect

until the Greenbush Line is in service. The MBTA plans to complete this project under a design-build approach. The MBTA Board of Directors awarded a design-build contract in February 2002, and a contract Notice to Proceed was issued in April 2002. In February 2003 the MBTA delayed the project by six months because the three major components (real estate acquisitions, environment permits, and mitigation agreements) had not been brought to a satisfactory resolution. In September 2003 the MBTA determined that sufficient progress had been made on these issues and they lifted the delay of the project. Since that time, the contractor has been moving forward with construction, addressing major early-action items. The MBTA anticipates running the service by 2007.

Funding Source: MBTA Bond Proceeds and PAYGO.

Arborway Restoration

Schedule: The MBTA filed documents in January 1999 with DEP indicating that the restoration of Green Line service on the Arborway was infeasible. In October 2001, after requesting further information, DEP determined that the project was feasible and directed the MBTA to complete the project. In a December 3, 2001, letter to DEP, the MBTA presented a schedule for designing and constructing the project with a concurrent community process. It provided anticipated dates for completion of the design and completion of construction.

In subsequent meetings in 2002, DEP asked the MBTA to update their schedule. The MBTA identified a number of critical-path items that needed to be resolved before the MBTA could advance the design to a final stage or begin construction. These included:

- Completion of the environmental review process
- Satisfactorily completing the community involvement process
- Addressing the City of Boston's public safety requirements

On March 18, 2003, the MBTA filed an expanded environmental notification form that laid out the methodology for studying the environmental impacts of the project. On June 23, 2003, the Massachusetts Environmental Protection Agency (MEPA) issued a certificate and a scope for the environmental impact report. As described in a February 13, 2003, letter to DEP from the MBTA, the MBTA believed that it was imprudent to commit to more specific milestones without successfully resolving the critical-path items first. They anticipated that many of these issues would be resolved as part of the environmental review process.

Since the 2003 correspondence, this project has been included as one of the projects that EOT is reevaluating. As discussed above, EOT has presented their preferred alternative, which does not include this project. If the preferred alternative moves forward, DEP will have to make regulatory changes in order to implement the proposed project changes. This will be reviewed as part of the next phase of the SIP reevaluation process.

Funding Source: General Court.

Red Line/Blue Line Connector

Schedule: This project is required to be completed by December 31, 2011. The MBTA initiated a planning-level, ridership-benefit study in 2003. This study examined user benefits of this project given the transit network improvements programmed and implemented since 1990, including the Silver Line and the Airport Intermodal Connector service. The analysis was completed in the spring of 2005.

This project has also been included as one of the projects that EOT is reevaluating as a SIP commitment. As discussed above, EOT has presented their preferred alternative, which does not include this project. If the preferred alternative moves forward, DEP will have to make regulatory changes in order to implement the proposed project changes. This will be reviewed as part of the next phase of the SIP reevaluation process.

Funding Source: General Court.

Green Line Extension to Medford Hillside

Schedule: This project is required to be completed by December 31, 2011. The MBTA has undertaken a planning study that will define a preferred alternative for this project. Issues to be resolved at the planning level include routing options, environmental impact, methods of construction, and operational characteristics. These issues will be addressed through a planning process managed by the MBTA with the participation of Medford and Somerville community representatives. A consultant was selected in March 2004 to conduct the Phase I alternatives analysis. The alternatives analysis began in the spring of 2004 and is scheduled for completion in mid-2005. A steering committee has been established to guide the effort.

This project has also been included as one of the projects that EOT is reevaluating as a SIP commitment. As discussed above, EOT has presented their preferred alternative, which includes the Enhanced Green Line extended beyond Lechmere to West Medford and Union Square. The SIP reevaluation process will continue with a final recommended alternative expected in December of 2005.

Funding Source: General Court.

Russia Wharf Ferry Terminal

Schedule: Funding of this project is the responsibility of the Massachusetts Turnpike Authority; however, the MBTA will construct it as part of the Silver Line Transitway project. The project is currently in the design phase, but construction could not begin until the transitway project construction is completed in the wharf area. The transitway construction was completed in December 2004. The MBTA and the Massachusetts Turnpike Authority are currently meeting to determine a schedule for procurement and construction. A tentative completion date has been set for the summer of 2006.

Funding Source: The Massachusetts Turnpike Authority has transferred some funds to the MBTA through an interagency agreement and will be transferring the remainder of funds as the project is completed.

Air Quality Conformity Analysis

On September 6, 2002, DEP submitted to EPA a revision of the Massachusetts SIP for Ozone that included a revised one-hour ozone attainment demonstration for eastern Massachusetts. This SIP revision included a 2007 mobile source emission budget for the eastern Massachusetts nonattainment area. This budget was found adequate for conformity purposes by EPA on December 6, 2002.

The conformity test is designed to show consistency with the emissions budgets set forth in the SIP. Specific information regarding the analysis methods, latest planning assumptions, and consultation procedures is detailed in the 2004 Plan. The data estimate for emissions for the eastern Massachusetts nonattainment area includes the following MPOs:

- Cape Cod MPO
- Central Massachusetts MPO
- Merrimack Valley MPO
- Boston Region MPO
- Montachusett Region MPO
- Northern Middlesex MPO
- Old Colony MPO
- Southeastern Region MPO
- Martha's Vineyard Commission*
- Nantucket Planning and Economic Development Commission*

* These organizations are considered to be MPOs for planning purposes.

The Boston Region MPO staff estimated VOC and NOx emissions for the Boston region. On behalf of EOT, MassHighway included the Boston Region MPO emissions in the final emission totals for all areas and all MPOs. The VOC mobile source emission budget for 2007 for the eastern Massachusetts nonattainment area has been set at 86.7 tons per summer day, and the 2007 mobile source budget for NOx is 226.363 tons per summer day. As shown in Tables 8-1 and 8-2, the results of the air quality analysis demonstrate that the VOC and NOx emissions from all action scenarios are less than the VOC and NOx emissions budgets for the eastern Massachusetts nonattainment area. A 2010 CO motor vehicle emission budget was established for the Boston CO maintenance area and was set at 228.33 tons of CO per winter day. Emissions calculated for this CO maintenance area are included in Table 8-3 and are less than the budget.

TABLE 8-1
VOC Emissions Estimates for the Eastern Massachusetts Ozone Nonattainment Area
(All emissions expressed in tons per summer day)

Year	Boston Region Action Emissions	Eastern MA Action Emissions	Eastern MA Budget	Difference (Action - Budget)
2000	n/a	166.545	not applicable	not applicable
2007	43.4396	83.662	86.700	- 3.038
2010	32.9095	63.398	86.700	-23.302
2015	21.6820	42.398	86.700	- 44.302
2025	18.2318	33.438	86.700	-53.262

TABLE 8-2
NOx Emissions Estimates for the Eastern Massachusetts Ozone Nonattainment Area
(All emissions in tons per summer day)

Year	Boston Region Action Emissions	Eastern MA Action Emissions	Eastern MA Budget	Difference (Action - Budget)
2000	n/a	287.877	not applicable	not applicable
2007	107.2788	225.114	226.363	- 1.249
2010	78.7143	165.246	226.363	-61.117
2015	38.0687	84.875	226.363	- 141.488
2025	17.6145	41.646	226.363	-184.717

TABLE 8-3
Winter Carbon Monoxide Emissions Estimates for the CO Maintenance Area
Comprising Nine Cities in the Boston Area
(All emissions in tons per winter day)

Year	Boston Region Build Emissions	Budget	Difference (Action - Budget)
2005	195.81	217.53	-22.35
2010	137.55	228.33	-90.78
2015	115.23	228.33	-113.10
2025	108.81	228.33	-119.52

In summary, this TIP is derived from a conforming Regional Transportation Plan, and the conformity determination has been prepared in accordance with EPA's final conformity regulations. The Boston Region MPO has found that the emission levels from the fiscal years 2006–2010 TIP—in combination with the emission levels from the other MPOs in its nonattainment area—demonstrate conformity with the SIP. Therefore, the implementation of the fiscal years 2006–2010 TIP is consistent with the air quality goals in the Massachusetts SIP.

Chapter 5
Fiscal Constraint

The financial constraint of the Transportation Improvement Program (TIP) must satisfy two requirements:

- The transit and the highway programs must be financially constrained to projections of available federal aid.
- The Central Artery/Tunnel Project must be constrained to 50% of the federal aid available statewide.

As shown in the tables below, the fiscal years 2006–2010 TIP complies with all of these requirements.

Table 5-1
The Federal Aid Program
(Federal funds plus matching funds)

	FY 2006	FY 2007	FY 2008
Transit Program			
§ 5307 Authorization	$118,507,707	$118,507,707	$118,507,707
§ 5307 Program	$118,507,707	$118,507,707	$118,507,707
§ 5309 Authorization	$88,063,986	$88,063,986	$88,063,986
§ 5309 Program	$88,063,986	$88,063,986	$88,063,986
Non-Artery Highway Program (exclusive of earmarked funds)			
Highway Obligation	$66,650,034	$67,232,775	$68,634,577
Highway Program	$67,068,428	$67,276,681	$68,876,000
Bridges			
Federal Aid Bridges	$68,491,000	$65,578,000	$59,312,000

Table 5-2
The Non–Federal Aid Highway Program

	FY 2006	FY 2007	FY 2008
Bridge Target	N/A	N/A	N/A
Bridge Program	$1,400,000	$2,307,700	$0

Table 9-3
The Central Artery Project
(federal funds only)

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
Obligation Authority	$532,720,000	$532,720,000	$532,720,000	$532,720,000	$532,720,000
Central Artery/ Tunnel Project Share	$103,825,000	$110,240,000	$117,230,000	$126,845,000	$151,290,000
Central Artery/ Tunnel TIP Program	$103,825,000	$110,240,000	$117,230,000	$126,845,000	$151,290,000

Appendix A
Universe of Projects

This chapter lists information about roadway, bridge, and transit projects that have been identified through the MPO evaluation processes. The roadway evaluation system was used for both the fiscal years 2005–2009 TIP amendment process and the development of the fiscal years 2006–2010 TIP. Projects programmed in the fiscal years 2006–2010 TIP are in ***bold type***.

Roadway Projects

Roadway projects were evaluated using the MPO's TIP criteria. For more information about project evaluations, see Chapter 2. For more information about project information forms, see Appendix B. The following information is used in the descriptions of the projects.

TIP category: Category of the project for purposes of applying criteria for project evaluation.

ID number: Projects in MassHighway's project tracking system are given a six-digit number; those projects not in the project tracking system have no number.

Municipality(ies): Community (or communities) in which a project is located.

Project: Location or name of the project.

Description: Description of the project.

Estimated cost: Estimated cost of the project, if available.

Design status: Design status as reported to the MPO by September 9, 2004.

*Roadway evaluation***:** Each of seven categories is composed of one or more subcategories (not shown in this appendix) that reflect the TIP criteria developed by the MPO. Categories are rated by averaging subcategory scores by project type. Category ratings are based on a normal distribution (bell curve) with the top 16% of the projects rated *High* - ●, the middle 68% of the projects rated *Medium* - ◗, and the bottom 16% of the projects rated *Low* - ❍.

Transportation Categories
- Condition
- Safety
- Mobility

Other Categories
- Community Impacts
- Land Use
- Economic Development
- Environmental

Where no information was available, the category score is blank. Blank category scores do not count against the average; however, projects with fewer than four of the seven categories rated are not given an overall score.

The overall score is determined by assigning a number to category ratings. Numeric values of three, two, and one are assigned to *High* - ●, *Medium* - ◗, and *Low* - ❍, respectively. An overall average score for a project is calculated; the top 16% of overall scores are rated *High* - ●, the middle 68% *Medium* - ◗, and the bottom 16% *Low* - ❍.

Transit Projects

System expansion and service enhancement project ideas were evaluated based on 32 individual performance measures divided into seven categories. For each category, a high, medium, or low rating was assigned. In some cases, certain categories were listed as not applicable. Project ideas are divided by mode: commuter rail, rapid transit, bus/trackless trolley, and boat. For additional information, see the MBTA's Program for Mass Transportation. The following information is used in the descriptions of the projects.

Project: Name of project idea, categorized by mode, commuter rail, rapid transit, bus/trackless trolley, and boat.

Type: Type of expansion or improvement.

Overall Category Scores:

- Utilization
- Mobility
- Cost effectiveness
- Air quality
- Service quality
- Economic/land use
- Environmental justice
- Total

Arterial

KEY: ● = High ◗ = Medium ❍ = Low

ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					Overall
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Arlington	Massachusetts Avenue	Upgrade seven signalized intersections and make pedestrian crossings at Massachusetts Avenue	Improvement	$3,000,000		High Delay Arterial (High-Medium Volume)	#1	Inner Core Priority	◗	◗	◗	◗	◗			◗	◗	◗
602065	Ashland	Main Street & Prospect Street	Reconstruct Main and Prospect Streets from their intersection with Route 135 to the Holliston town line.	Preservation	$1,300,000	Pre-25%					❍	◗	◗	◗			◗	◗	◗
602064	Ashland	Pleasant Street	Reconstruct Pleasant Street.	Preservation	$800,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
	Ashland	Route 126 (Pond Street)	Reconstruct Route 126 (Pond Street)	Preservation					MetroWest Priority	◗	❍	❍	❍	◗			◗	◗	❍
	Bedford	South Road	Reconstruct South Road from north of Washington Street (Elm Brook) to Summer Street	Preservation	$480,000			#6		◗	❍	◗	◗	◗			◗	◗	◗
	Bedford	Wiggins Avenue	Reconstruct Wiggins Avenue to improve access to the Great Road/Loomis Street industrial area.	Expansion	$1,500,000			#5	MAGIC High Priority	◗	◗	◗	◗	◗			◗	◗	◗
602149	Bedford & Lexington	Route 4/Route 225 (Bedford Street)	Resurface a section of Route 4/225 (Bedford Street), and perform related work.	Preservation	$200,000	Pre-25%	High Delay Arterial (High-Medium Volume)	#3		◗	●	◗	◗	◗	◗	◗	◗	◗	◗
029492	***Bedford, Billerica & Burlington***	***Middlesex Turnpike/Crosby Drive Roadway Improvements Project - Phase 3***	Widen Middlesex Turnpike from north of Crosby Drive from its two-lane cross section to a four-lane section having two lanes in each direction with left-turn lanes and signals at high volume drives and intersections.	Expansion	$7,300,000	25% Approved		#1	MAGIC High Priority/ North Suburban	◗	◗	●	◗	◗	❍	◗	◗	◗	◗
029491	***Bedford, Billerica & Burlington***	***Mitre Extension/Middlesex Turnpike Improvement Project, Phase 2***	Construct the Mitre Extension, a proposed new section of roadway, to connect Middlesex Turnpike to the intersection of Route 62 and Network Drive (formerly Kent Road).	Expansion	$8,314,000	25% Approved		#1	MAGIC High Priority/ North Suburban	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Bellingham	Hartford Avenue	Reconstruct Hartford Avenue from North Main Street (Route 126) to the Mendon town line.	Preservation	$2,500,000			#6		◗	❍	◗	◗	◗			◗	◗	◗
	Bellingham	Maple Street	Maple Street	Preservation				#3		◗	●	◗	◗	●			●	●	●
602493	Bellingham	Pulaski Boulevard, Phase 1	Reconstruct Pulaski Boulevard from Orchard Street to the Franklin town line, realign the Crooks Corner traffic signals, and install new traffic signals at warranted intersections.	Preservation	$4,750,000	25% Submitted		#1	SWAP Priority	◗	◗	●	◗	◗	❍	◗	●	◗	◗
	Bellingham	Pulaski Boulevard, Phase 2	Reconstruct Pulaski Boulevard (Route 126) from South Main Street (Route 126) to the Blackstone town line.	Preservation	$1,500,000			#7		●	❍	◗	◗	◗			◗	◗	◗

Arterial

KEY: ● = High ◗ = Medium ❍ = Low

ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	Overall
	Bellingham	Route 126 (Hartford Avenue)	Reconstruct Route 126 (Hartford Avenue) from the Medway town line to North Main Street (Route 126).	Preservation	$3,000,000		High Delay Arterial (High-Medium Volume)	#4		◗	◗	◗	◗	◗			◗	◗	◗
	Bellingham	Route 126 (S. Main Street)	Reconstruct Route 126 (South Main Street) from Pulaski Boulevard to Route 140.	Preservation	$10,000,000		High Delay Arterial (High-Medium Volume)	#5		◗	◗	◗	◗	◗			◗	◗	◗
	Bellingham	Route 126-Route 140	Reconstruct the intersection of Route 126 & Route 140.	Improvement	$2,200,000		High Delay Arterial (High-Medium Volume)	#2		◗	◗	◗	◗	◗			◗	◗	◗
600219	Beverly	Cabot Street	Reconstruct Cabot Street from Rantoul Street to Roosevelt Avenue. Work on this project includes traffic signals, sidewalks, and drainage.	Preservation	$3,250,000	Pre-25%		#3		●	◗	●	●	◗	◗	◗	◗	◗	●
601527	Beverly	Route 127	Resurface Route 127 (Stone, Lothrop & Hale Streets) from Cabot Street to Boyles Street.	Preservation	$674,000	Pre-25%		#4		◗	◗	◗	◗	●	❍	◗	◗	◗	◗
600220	Beverly	Route 1A (Rantoul Street)	Reconstruct and re-signalize Route 1A (Rantoul Street) from Cabot Street (South) to Cabot Street (North).	Preservation	$4,340,000	Pre-25%	High Delay Arterial (Medium Volume)	#2		●	◗	●	●	◗	◗	◗	●	●	●
	Bolton	Route 85 (Hudson Road)	Route 85 (Hudson Road)	Preservation	$0					◗	❍	❍	❍	◗			◗	◗	❍
	Boston	Boardman Street /Route 1A	Replace the existing intersection of Route 1A and Boardman Street with an overpass with ramps. The project would also relocate Boardman Street approximately 400 feet south of its existing location.	Expansion	$8,500,000		CMS Recommendation	#1		●	●	●	●	●	◗	◗	❍	◗	●
	Boston	Boylston Street	Reconstruct Boylston Street from Arlington Street to the Fenway.	Preservation	$4,000,000						◗	❍	◗	◗			◗	◗	◗
	Boston	Causeway Street	Reconstruct Causeway Street	Preservation	$2,000,000			#1		●	●	●	●	●			◗	●	●
	Boston	East Boston Haul Road	Construct a roadway dedicated to commercial vehicles along unused Conrail right-of-way, from the cargo area of Logan Airport to 300 feet south of the Chelsea St. Bridge.	Expansion	$12,000,000						◗	●	●	●			●	●	●
600636	***Boston***	***Massachusetts Avenue***	Reconstruct Massachusetts Avenue from Westland Avenue to Albany Street.	Improvement	$14,400,000	25% Submitted	High Delay Arterial (High-Medium Volume)	#1	Inner Core Priority	●	●	●	●	●	◗	●	◗	●	●
603674	Boston	Old Northern Avenue/Seaport Blvd	Reconfiguration and reconstruction of Old Northern Ave and Seaport Blvd.	Improvement	$5,700,000	25% Submitted		#1		◗	◗	●	◗	●	◗	◗	◗	●	●

Arterial

KEY: ● = High ◗ = Medium ❍ = Low

ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation: Condition	Transportation: Safety	Transportation: Mobility	Transportation: Transportation	Other: Community	Other: Land Use	Other: Econ. Dev.	Other: Environment	Other: Other	Overall
180519	Boston	Ruggles Street	Reconstruct Ruggles Street from Huntington Avenue to Columbus Avenue.	Preservation	$3,000,000	Pre-25%				●	●	●	●	●	◗	◗	●	●	●
	Boston	Signal Control Replacement	Upgrade the traffic signal controllers at 54 locations (Yellow Pedestrian Lights).	Improvement	$1,800,000			#1		●	◗	◗	◗	●			◗	●	●
	Boston	South Huntington Avenue	Reconstruct South Huntington Avenue from Huntington Avenue to Heath Street.	Preservation	$3,000,000						❍	❍	❍	◗			◗	◗	❍
129325	Boston	South Street	Reconstruct South Street from Centre Street (near Eliot Square) to the Arborway.	Preservation	$4,500,000	Pre-25%				◗	◗	❍	◗	◗			◗	◗	◗
601274	***Boston***	***Tremont Street , Phase 1***	Reconstruct Tremont Street from Court Street to Boylston Street.	Preservation	$5,000,000	25% Submitted		#1	Inner Core Priority	◗	●	●	●	●	◗	●	◗	●	●
601507	Boston	Tremont Street, Phase 2	Reconstruct Tremont Street from Stuart Street to Marginal Road.	Preservation	$5,000,000	Pre-25%		#1		●	●	●	●	●	◗	◗	◗	●	●
602279	Braintree	Route 37 (Granite Street)	Resurface a section of Route 37 (Granite Street) and perform related work from I-93 to the Braintree 5 Corners (West Street)	Preservation	$100,000	Pre-25%				❍	◗	◗	◗	◗	◗	◗	◗	◗	◗
602027	Braintree	Route 37 (Washington Street)	Resurface a section of Route 37, and perform related work on Washington Street from Hancock Street to the Holbrook town line.	Preservation	$350,000	25% Approved				❍	◗	◗	◗	◗	◗	◗	❍	◗	◗
602593	Braintree	Union Street	Reconstruct Union Street from the Route 3 rotary to Commercial Street.	Preservation	$2,710,000	25% Submitted		#1		●	◗	◗	◗	◗	◗	◗	◗	◗	◗
601187	Braintree	Washington Street/South Street	Install traffic signals at the intersection of Washington Street and South Street, and perform related work.	Improvement	$150,000	Pre-25%				●	❍	◗	◗	◗	❍	❍	◗	❍	◗
086901	Braintree & Weymouth	Old Route 128	Resurface Old Route 128 from the intersection of Route 37 in Braintree to the Weymouth/Hingham town line, and make drainage improvements.	Preservation	$1,500,000	Pre-25%		#2		◗	◗	◗	◗	◗			◗	◗	◗
602930	Brookline to Westborough	Route 9 Signage	Upgrade the signage on Route 9 in Brookline, Newton, Wellesley, Natick, Framingham, Southborough, and Westborough.	Improvement	$2,577,540	Pre-25%			MetroWest Priority	◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
600840	Burlington	Middlesex Turnpike/Route 62 (Bedford Street)	Reconstruct the Middlesex Turnpike interchange at Route 62 (Bedford Street).	Improvement	$200,000	Pre-25%				◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
601316	Burlington	Route 3A (Cambridge Street)	Reconstruct Route 3A (Cambridge Street) from Mall Road to Bedford Street.	Preservation	$3,000,000	Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
	Burlington	Route 62 (Wilmington Road)	Safety improvements at 4 intersections, resurface entire 1.6 miles, implement continuous sidewalk system.	Improvement					North Suburban Priority	◗	❍	◗	◗	◗			◗	◗	◗

Arterial

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	Burlington	South Bedford Street	Widen South Bedford St. to a four lane cross section from Wayside Road, south to Cambridge Road (Route 3), install drainage improvements and sidewalks.	Expansion							◗	❍	◗	❍			❍	❍	❍
	Burlington	Wheeler Road	Widen to four lane cross section from Middlesex Turnpike Easterly to Blanchard Road, add sidewalks, bicycle path.	Expansion						❍	●	◗	◗	◗			❍	❍	◗
060480	Cambridge	Concord Avenue	Reconstruct Concord Avenue from Alewife Brook Parkway to the Belmont town-line, and perform related work.	Preservation	$1,500,000	Pre-25%				●	◗	❍	◗	◗			◗	◗	◗
602124	Cambridge	Massachusetts Avenue	Reconstruct Massachusetts Avenue from Porter Square to the Arlington town line.	Preservation	$5,000,000	Pre-25%	High Delay Arterial (High-Medium Volume)			◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
600991	Cambridge	Third Street	Reconstruct Third Street from 180 feet north of Broadway to Binney Street.	Preservation	$605,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
	Canton	East-West Connector	Construct a new east-west connector road between Pleasant Street and Route 138 (Turnpike Street). Also includes the widening and signalization of the intersection of Pleasant Street and Will Drive.	Expansion	$7,200,000			#3		◗	◗	◗	◗	◗			❍	❍	◗
603883	Canton	Route 138	Reconstruct three segments of Route 138 from I-93/Rt-128 to Dan Road.	Preservation	$2,850,000	25% Submitted			TRIC Priority	◗	●	●	●	◗	❍	◗	◗	◗	◗
602970	Chelsea	Crescent Avenue	Reconstruct Crescent Avenue from Broadway to Eastern Avenue.	Preservation	$1,200,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
602971	Chelsea	Everett Avenue	Reconstruct Everett Avenue from Broadway to Revere Beach Parkway.	Preservation	$2,500,000	Pre-25%		#1		●	●	◗	●	●	❍	◗	◗	◗	●
	Chelsea	Spruce Street	Reconstruction and widening of approximately 1100' of Spruce Street between Everett Avenue and Sixth Street.	Expansion				#2		●	●	◗	●	●			◗	●	●
602972	Chelsea	Williams Street	Reconstruct Williams Street between Spruce Street and Pearl Street. This project includes upgrading the signalization and providing landscaping.	Preservation		Pre-25%					❍	❍	❍	◗	❍	◗	◗	◗	❍
602147	Chelsea & Revere	Route 107 (Broadway)	Resurface a section of Route 107 (Broadway), and perform related work.	Preservation	$350,000	Pre-25%	High Delay Arterial (Medium Volume)			◗	◗	◗	◗	◗	◗	●	❍	◗	◗
602091	Concord	Concord Rotary (Routes 2/2A/119)	Make safety improvements to the Concord Rotary (Routes 2/2A/119).	Preservation	$12,000,000	Pre-25%	CMS Recommendation	#5	MAGIC High Priority	◗	●	●	●	◗	❍	❍	◗	❍	◗

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602984	***Concord & Lincoln***	***Route 2 (Crosby's Corner)***	Construct neighborhood service roads which will be parallel to Route 2, and a bridge to carry Route 2 over the other routes.	Improvement	$19,700,000	25% Approved	CMS Recommendation	#4	MAGIC High Priority	◗	◗	●	◗	●	❍	◗	◗	◗	◗
602310	Danvers	Collins Street	Reconstruct Collins Street from Sylvan Street to the intersection of Holten and Centre Streets.	Preservation	$1,000,000	Pre-25%		#1	North Shore Priority	◗	◗	◗	◗	◗	◗	◗	●	●	◗
602242	Danvers	Holten Street	Reconstruct Holten Street.	Preservation	$2,000,000	Pre-25%					❍	◗	◗	◗			◗	◗	◗
	Danvers	Holten Street -Burroughs Street	Install a rubberized railroad crossing at the intersection of Holten Street and Burroughs Street.	Improvement	$150,000						❍	❍	❍	◗			◗	◗	❍
601825	Danvers	Liberty Street	Resurface Liberty Street from Route 128 to the intersection of Water & High Streets.	Preservation	$1,000,000	25% Approved		#2	North Shore Priority	●	●	◗	●	◗	◗	◗	◗	◗	●
603615	Danvers	Route 1	Resurface a section of Route 1 (Newbury Street/Newburyport Turnpike) and perform related work.	Preservation	$3,000,000	75% Approved				❍	◗	◗	◗	◗	◗	◗	◗	◗	◗
602285	Danvers	Route 114	Reconstruct a section of Route 114 and make safety improvements. This is part of a three-phase project involving the reconfiguration Route 114.	Improvement	$2,000,000	Pre-25%				◗	◗	◗	◗	◗	◗	◗	❍	◗	◗
600921	Danvers	Route 114 & I-95	Add a travel lane in each direction from the intersection of Watson Parkway heading east to where the B&M Railroad crosses over Route 114. This project also involves the reconfiguration of the Route 1/Route 114 interchange and the addition of a ramp system to Interstate 95 (SB).	Expansion	$35,000,000	Pre-25%				◗	◗	◗	◗	◗	❍	❍	❍	❍	❍
601826	Danvers	Route 62 (Maple, Poplar & Elliott Sts.)	Reconstruct Route 62 (Maple Street, Poplar Street & Elliott Street) from Forest Street to the Beverly city line.	Preservation	$1,600,000	Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
	Danvers	Route 62, Phase 2	Reconstruct Route 62 from the intersection of Forest Street to the intersection of Poplar Street and Maple Street.	Preservation	$1,250,000					◗	❍	◗	◗	◗			◗	◗	◗
602011	Dedham	High Street, Phase 1	Make safety and traffic improvements at the intersection of High Street and East Street.	Improvement	$750,000	75% Approved				❍	❍	◗	❍	◗	❍	◗	◗	◗	❍
602010	Dedham	High Street, Phase 2	Make safety and traffic improvements at the following intersections: High Street and Bryant Street; High Street and Harris Street; and High Street and Washington Street.	Improvement	$2,000,000	Pre-25%					❍	◗	◗	◗			◗	◗	◗
602009	Dedham	Washington Street	Reconstruct and widen Washington Street.	Improvement	$3,500,000	Pre-25%			TRIC Priority	●	◗	◗	◗	◗			❍	❍	◗

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600396	Duxbury	Route 139	Resurface Route 139 from Route 14 to the Marshfield town line.	Preservation	$50,000	Pre-25%				◗	❍	◗	◗	◗			◗	◗	◗
603455	Duxbury	Route 3A/Chestnut Street & Tobey Garden Street	Make improvements to the intersection of Route 3A (Tremont Street) and Chestnut Street & Tobey Garden Street.	Improvement	$250,000	Pre-25%					◗	◗	◗	◗	❍	◗	◗	◗	◗
	Duxbury	Route 3A-Route 139	Make improvements to the intersection of Route 3A (Tremont Street) and Route 139 (Careswell Street)	Improvement						◗	❍	◗	◗	◗			◗	◗	◗
111506	Duxbury	Route 53	Resurface Route 53 from the Pembroke town line to the Kingston town line, and perform related work.	Preservation		Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
603462	Duxbury	Route 53/Winter Street	Make improvements to the intersection of Route 53 and Winter Street.	Improvement	$450,000	Pre-25%			South Shore Priority	❍	◗	◗	◗	◗	❍	❍	◗	❍	❍
600217	***Essex***	***Route 133 (Main Street)***	Reconstruct Route 133 (Main Street/Eastern Avenue) from the vicinity of the John Wise Avenue intersection to the intersection of Water Street.	Preservation	$1,000,000	25% Approved		#1		●	●	●	●	●	❍	◗	●	●	●
	Everett	Ferry Street	Traffic signals and equipment replacement from Elm Street to Union Street.	Improvement	$1,505,000			#2		◗	◗	◗	◗	◗			◗	◗	◗
602382	***Everett***	***Route 99 (Broadway)***	Reconstruct Route 99 (Broadway) from Sweester Circle to the Boston city line at the traffic signals.	Preservation	$2,000,000	Pre-25%	High Delay Arterial (High Volume)	#1	Inner Core Priority	●	●	●	●	◗	❍	◗	◗	◗	●
	Everett & Malden	TeleCom Boulevard, Phase 2	Construct a 1/2 mile roadway and Malden River Bridge; from Corporation Way/Medford to Route 16 via TeleCom Blvd Phase 1 and Santilli Hwy	Expansion	$10,000,000					●	◗	◗	◗	●	❍	◗	●	●	●
	Everett & Medford	Telecom Boulevard, Phase 1	Construct Phase 1 of Telecom Boulevard from Santilli Circle in Everett to the approach for the Malden River Bridge. Work will include connections to Tileston Street, Norman Street, the Mellon Bank site, and Telecom Place.	Expansion	$3,600,000				Inner Core Priority	●	◗	◗	◗	●	❍	◗	●	●	●
600283	Foxborough	North Street	Reconstruct North Street from Route 1 to Route 140, and improve intersections, sidewalks, and drainage.	Preservation	$3,500,000	Pre-25%				◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
601471	Foxborough	South Main Street (Copeland Drive)	Resurface a section of South Main Street in Foxborough and Copeland Drive in Mansfield.	Preservation	$1,500,000	Pre-25%				●	❍	◗	◗	◗			◗	◗	◗
602496	***Foxborough, Norfolk & Wrentham***	***Route 115 (Pond/Pine Streets)***	Reconstruct Route 115 (Pond Street and Pine Streets) from Needham Street in Norfolk to Route 140 in Foxborough.	Preservation	$2,300,000	Pre-25%	High Delay Arterial (Low Volume)	#1	SWAP Priority	◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
602046	***Framingham***	***Franklin Street***	Reconstruct Franklin Street from South of Howard Street to Main Street.	Preservation	$4,800,000	25% Approved		#1	MetroWest Priority	●	●	●	●	◗	◗	◗	◗	◗	●

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	Framingham	Route 126 (Hollis Street)	Reconstruct Route 126 (Hollis St.) from Irving Street to the Ashland town line.	Preservation	$2,000,000		High Delay Arterial (High-Medium Volume)	#4		◗	◗	◗	◗	●			◗	●	◗
	Framingham	Route 126 (Route 9 to Lincoln Street)	Reconstruction of Route 126 from Route 9 to Lincoln Street.	Preservation	$3,200,000		High Delay Arterial (High-Medium Volume)	#2	MetroWest Priority	●	◗	◗	◗	◗			◗	◗	◗
	Framingham	Route 126/135 Underpass	Routing Route 126 under Route 135 and CSX for pass through. One lane will be left at grade to maintain access to downtown commercial district.	Expansion	$50,000,000		High Delay Arterial (High-Medium Volume)		MetroWest Priority	◗	●	●	●	❍	◗	◗	❍	❍	◗
603865	Framingham	Rt. 9 (Worcester Road) At Temple St. Intersection- Roadway Resurfacing, Box Widening, & Intersection Signalization.	Framingham- Rt. 9 (Worcester Road) At Temple St. Intersection- Roadway Resurfacing, Box Widening, & Intersection Signalization.	Improvement	$1,600,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
602038	Framingham	Traffic Signals at 6 Locations	Rehabilitate pavement and improve the signalization at the following intersections: Edgell Road at Water Street; Edgell Road at Brook Street; Edgell Road at Central Street; Edgell Road at Vernon Street; and Badger Road, Salem End, Gates Street.	Improvement	$2,000,000	Pre-25%		#2		◗	◗	●	◗	◗	❍	◗	◗	◗	◗
	Franklin	Chestnut Street	Chestnut Street from Route 140 to Pleasant Street.	Preservation						❍	◗	❍	❍	◗			◗	◗	❍
603866	Franklin	Grove Street	Reconstruction of Grove Street including widening of bridge over the Mine Brook.	Preservation	$6,508,800	Pre-25%				❍	◗	◗	◗	◗			◗	◗	◗
602962	Franklin	King Street	Reconstruct King Street between the Interstate 495 northbound and southbound ramps.	Preservation	$1,700,000	25% Approved				❍	◗	◗	◗	◗	❍	❍	◗	❍	❍
602129	Franklin	Lincoln Street & Main Street	Reconstruct Lincoln Street and Main Street from Pleasant Street to the Medway town line.	Preservation	$4,000,000	Pre-25%			SWAP Priority	●	◗	◗	◗	◗	❍	❍	◗	❍	◗
	Franklin	Partridge Street	Reconstruct Partridge Street from Lincoln Street to Pond Street and make improvements to the intersection of Partridge Street and Maple Street.	Preservation	$4,900,000						❍	❍	❍	◗			◗	◗	❍
601359	Franklin	Pleasant Street	Reconstruct Pleasant Street from Main Street to Chestnut Street.	Preservation	$2,900,000	Pre-25%				●	◗	◗	◗	◗	❍	❍	◗	❍	◗
	Franklin	Route 140	Narrow Route 140 (E. Central Street) and narrow Main Street. Make East Central Street/Route 140 two-way.	Preservation						◗	◗	❍	◗	◗			◗	◗	◗

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	Franklin	Summer Street	Summer Street from Route 140 to Wrentham town line.	Preservation						❍	❍	❍	❍	◗			◗	◗	❍
	Franklin	Washington Street	Washington Street from Bellingham town line to Prospect Street.	Preservation						❍	◗	❍	❍	◗			◗	◗	❍
602359	Gloucester	Route 127 (Washington Street)	Resurface Route 127 (Washington Street) from Dennison Avenue to Hillside Court and perform related work.	Preservation	$674,000	Pre-25%		#3		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
604377	Gloucester	Washington Street And Railroad Avenue	Roadway Rehabilitation, Washington Street And Railroad Avenue	Preservation	$2,000,000	Pre-25%		#1	North Shore Priority	◗	◗	◗	◗	◗	◗	●	◗	●	◗
600404	***Hanover***	***Route 123 (Webster Street)***	Reconstruct Route 123 (Webster Street) from the Rockland town line to the Route 3 overpass.	Preservation	$3,240,000	100% Approved	High Delay Arterial (Low Volume)	#1		●	◗	◗	◗	◗	❍	◗	◗	◗	◗
114501	***Hanover***	***Route 53, Phase 1B***	Widen Route 53 from two lanes to five lanes (two lanes in each direction with a bi-directional center turning lane) from Mill Street to Pond Street. In addition, Pond Street will be realigned to form a four-way intersection with Washington Street and Old Washington Street.	Expansion	$4,000,000	25% Approved		#1	South Shore Priority	●	◗	●	●	◗	❍	◗	◗	◗	◗
602602	Hanover	Route 53-Route 123	Upgrade the traffic signals at the intersection of Route 53 and Route 123, and corridor improvements.	Improvement	$1,100,000	Pre-25%		#2		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
600518	Hingham	Derby Street	Reconstruct and signalize Derby Street from Route 53 to the Weymouth city line.	Improvement	$1,500,000	Pre-25%		#2		❍	◗	◗	◗	◗	❍	◗	◗	◗	◗
604230	Hingham	Intersection Reconstruction, Route 3A At Route 228	Hingham- Intersection Reconstruction, Route 3A At Route 228	Improvement	$400,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
604391	***Hingham***	***Route 228, Phase 2***	Reconstruct Route 228 from Merrymount Road to Queen Anne's Corner.	Preservation	$3,000,000	Pre-25%		#1	South Shore Priority	●	●	◗	◗	●			◗	◗	●
603137	Hingham	Route 3A/Kilby Street	Install traffic signals at the intersection of Route 3A and Kilby Street.	Improvement	$200,000	Pre-25%				◗	❍	◗	◗	◗	❍	❍	◗	❍	❍
602260	Holbrook	Abington Avenue-Plymouth Street	Make traffic signal improvements at the intersection of Abington Avenue and Plymouth Street.	Improvement	$150,000	Pre-25%				●	❍	◗	◗	◗	❍	❍	◗	❍	◗
602155	Holliston	Norfolk Street	Reconstruct (full-depth) Norfolk Street from Franklin Street to Hill Street.	Preservation	$1,500,000	Pre-25%		#2	SWAP Priority	●	◗	❍	◗	◗	❍	◗	◗	◗	◗
602154	Holliston	Route 126 (Concord Street)	Mill and resurface Route 126 (Concord Street) from Washington Street to the Ashland town line and install sidewalks.	Preservation	$480,000	Pre-25%	High Delay Arterial (High-Medium Volume)	#3		◗	◗	◗	◗	◗	❍	❍	◗	❍	◗
	Hopkinton	Main Street (Route 135)/ Grove Street	Intersection geometry improvements including signal upgrade.	Improvement						◗	❍	◗	◗	◗			◗	◗	◗

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	Hopkinton	Main Street (Route 135)/ Pleasant Street	Intersection geometry improvements including signal upgrade.	Improvement						◗	❍	◗	◗	◗			◗	◗	◗
	Hopkinton	School Street/W. Main Street Intersections	School Street/W. Main Street Intersections	Improvement						◗	◗	◗	◗	◗			◗	◗	◗
	Hopkinton	Wood Street and W. Main Street		Improvement						◗	◗	◗	◗	◗			◗	◗	◗
	Hudson	Route 85/Washington Street	Widen Washington Street.	Preservation	$400,000			#1	MAGIC High Priority	◗	◗	◗	◗	◗			◗	◗	◗
601607	Hull	Atlantic Avenue	Resurface Atlantic Avenue from Nantasket Avenue to the Cohasset town line.	Preservation	$985,000	Pre-25%				◗	◗	❍	◗	◗			◗	◗	◗
601608	Hull	Fitzpatrick Way	Resurface Fitzpatrick Way from Nantasket Avenue to Cadish Avenue.	Preservation	$250,000	Pre-25%				◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Hull	Manomet Avenue	Reconstruction of the roadway and installation of sidewalks on both sides of the road.	Preservation	$850,000					❍	◗	❍	❍	◗			◗	◗	❍
	Hull	Samoset Avenue	Reconstruction of the roadway and installation of sidewalks on both sides of the road.	Preservation	$900,000			#2		❍	❍	❍	❍	◗			◗	◗	❍
602146	Ipswich	Route 133 (Essex Road)	Resurface a section of Route 133 (Essex Road) , and perform related work.	Preservation	$350,000	Pre-25%				◗	❍	◗	◗	◗	❍	◗	◗	◗	◗
031050	Lexington	Hartwell Avenue, Phase 2	Reconstruct and widen Hartwell Avenue.	Improvement		Pre-25%					◗	◗	◗	◗	❍	◗	◗	◗	◗
602896	Lexington	Route 2	Resurface Route 2 from the Lincoln town line to the Arlington town line.	Preservation	$3,500,000	Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
602133	Lexington	Route 2A-Waltham Street	Upgrade the signalization at the intersection of Route 2A and Waltham Street.	Improvement	$250,000	Pre-25%			MAGIC High Priority	❍	❍	◗	❍	◗	❍	❍	◗	❍	❍
601868	Lexington & Waltham	Hobbs Brook Reservoir	Stabilize the slopes of the Hobbs Brook Reservoir along Interstate 95 and Route 2.	Improvement	$1,000,000	Pre-25%					◗	❍	◗	◗			●	●	◗
603540	Littleton	Goldsmith Street	Reconstruct Goldsmith Street Route 2A/110 to Shaker Lane.	Preservation	$2,500,000	25% Approved				◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
602741	Littleton	Route 2A/110	Resurface Route 2A/110 from the Ayer town line to King Street and upgrade the traffic signals.	Preservation	$1,200,000	Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
	Lynn	Boston Street -Hamilton Street	Make improvements to the intersection of Boston Street and Hamilton Street.	Improvement	$300,000			#5			❍	❍	❍	◗			◗	◗	❍
	Lynn	Broad Street/Lewis Street /Route 129	Reconstruct Broad St./Lewis St./Rte. 129.	Preservation	$500,000			#4		◗	●	◗	◗	●			◗	●	●
602093	Lynn	Route 107 (Western Avenue)	Improve the following intersections: Route 107 (Western Avenue) and Coolidge Road & Route 107 (Western Avenue) and Bellaire Avenue.	Improvement	$100,000	Pre-25%	High Delay Arterial (Medium Volume)			◗	◗	◗	◗	◗	❍	◗	◗	◗	◗

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602081	Lynn	Route 107 (Western Avenue)/Route 129 (Eastern Avenue)	Improve the intersection of Route 107 (Western Avenue) and Route 129 (Eastern Avenue).	Improvement	$400,000	25% Submitted	High Delay Arterial (Medium Volume)	#3		●	◗	●	●	◗	❍	◗	◗	◗	◗
602094	Lynn	Route 129 (Broadway)	Reconstruct Route 129 (Broadway).	Preservation	$1,000,000	Pre-25%	High Delay Arterial (Medium Volume)	#2		●	◗	◗	◗	◗	❍	◗	◗	◗	◗
602077	Lynn	Route 129 (Lynnfield Street)	Reconstruct Route 129 (Lynnfield Street).	Preservation	$1,000,000	Pre-25%	High Delay Arterial (Medium Volume)	#5		◗	◗	◗	◗	◗			◗	◗	◗
601137	Lynn	Traffic Signals at 4 Locations (Contract D)	Upgrade the signalization at the following intersections: Route 129 (Chestnut Street) and Maple Street; Maple Street and Cross Street; Route 129 (Eastern Avenue) and Oakwood Avenue and Alden Street; and Maple Street and Euclid Avenue.	Improvement	$600,000	Pre-25%		#1		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
601138	Lynn	Traffic Signals at 4 Locations (Contract E)	Upgrade the signalization at the following intersections: North Common Street & Harwood Street; Shepard Street & South Common Street; Light Street & West Neptune Street; and South Street & Summer Street.	Improvement	$435,000	Pre-25%				●	◗	◗	◗	◗	❍	●	◗	◗	◗
603160	Lynnfield	Goodwin Circle	Install a roadway lighting system at Goodwin Circle.	Improvement	$250,000	Pre-25%				◗	◗	◗	◗	◗	❍	❍	◗	❍	◗
600641	Lynnfield	Salem Street/Walnut Street	Make safety improvements at the intersections of Salem Street and Walnut Street.	Improvement	$350,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
601188	Lynnfield	Summer Street/Salem Street	Improve the intersection of Summer Street and Salem Street.	Improvement	$250,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
601357	Malden	Route 60 (Pleasant Street)	Reconstruct Route 60 (Pleasant Street) from the Medford city line through Highland Avenue.	Preservation	$750,000	Pre-25%	High Delay Arterial (High Volume)			◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
601983	Malden	Salem Street	Reconstruct Salem Street.	Preservation	$1,000,000	Pre-25%				❍	◗	◗	◗	◗	❍	◗	◗	◗	◗
602140	Malden, Melrose & Saugus	Route 99 (Broadway)	Resurface a section of Route 99 (Broadway), and perform related work.	Preservation	$150,000	Pre-25%	High Delay Arterial (High Volume)	#7		●	◗	◗	◗	◗			◗	◗	◗
602150	Manchester	Route 127 (Summer Street)	Resurface a section of Route 127 (Summer Street), and perform related work.	Preservation	$150,000	Pre-25%				◗	❍	❍	❍	◗	❍	◗	◗	◗	❍
	Marlborough	Farm Road	Reconstruct Farm Road from Cook Lane to Route 20 (Boston Post Road, East)	Preservation	$1,500,000			#4		❍	◗	❍	❍	◗			◗	◗	❍

Arterial

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604231	Marlborough	Route 20 (East Main Street/Boston Post Road) At Concord Road	Traffic Signal Improvements, Intersection Of Route 20 (East Main Street/Boston Post Road) At Concord Road	Improvement	$750,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
	Marlborough	Route 85 North (Bolton Street)	Reconstruct Bolton Street from Main Street to Hudson town line.	Preservation	$3,000,000			#5	MetroWest Priority	◗	●	◗	◗	◗			◗	◗	◗
	Marlborough	Route 85 South (Maple Street)	Reconstruct Maple Street from South Bolton Street to Southborough town line.	Preservation	$2,000,000			#3		◗	◗	◗	◗	◗			◗	◗	◗
006870	Marlborough & Northborough	Boundary Street	Reconstruct Boundary Street from Route 20 (West) to Goddard Road.	Expansion	$2,500,000	Pre-25%		#4		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
	Marshfield	Route 139 Corridor Improvements		Preservation		Pre-25%		#1	South Shore Priority		❍	❍	❍	◗			◗	◗	❍
604120	Medfield	North Street	Reconstruction and related work on North Street from Frairy Street to Pine Street.	Preservation	$840,000	Pre-25%		#1		◗	◗	◗	◗	●			❍	◗	◗
	Medfield	Route 109/Hartford Street	Immprove the intersection of Route 109 and Hartford Street	Improvement				#2		◗	●	◗	◗	◗			◗	◗	◗
	Medfield	South Street	Reconstruct South Street and add sidewalks	Improvement		Pre-25%		#3		◗	◗	◗	◗	◗			◗	◗	◗
	Medway	Route 109 (Main Street)	Reconstruct Route 109 (Main Street) from Holliston Street to Winthrop Street.	Preservation	$2,000,000				SWAP Priority	●	◗	◗	◗	◗			◗	◗	◗
602135	***Medway***	***Route 126 (Summer Street)***	Reconstruct Route 126 (Summer Street) from the Bellingham town line to the Holliston town line.	Preservation	$4,300,000	75% Approved	High Delay Arterial (High-Medium Volume)	#1		●	◗	◗	◗	◗	❍	❍	●	◗	◗
602134	Medway	Village Street	Reconstruct Village Street from the Millis town line to its junction with Main Street.	Preservation	$1,900,000	Pre-25%					❍	◗	◗	◗	❍	◗	◗	◗	◗
	Melrose	Grove Street	Reconstruct Grove Street from Main Street to Swains Pond Avenue, and improve signalization.	Preservation	$328,000			#5		◗	◗	◗	◗	◗			◗	◗	◗
601553	Melrose	Lebanon & Main Sts.	Reconstruct Lebanon Street and Main Street and upgrade signals.	Improvement	$1,773,000	25% Submitted		#1		◗	●	◗	◗	◗	❍	◗	◗	◗	◗
	Melrose	Lebanon Street	Reconstruct Lebanon Street from Main Street to the Malden city line.	Preservation	$940,000			#3		◗	◗	◗	◗	◗			◗	◗	◗
601551	Melrose	Main Street -Essex Street	Rehabilitate the roadway and upgrade the signalization at the intersection of Main Street and Essex Street.	Improvement	$1,500,000	Pre-25%		#2		◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Melrose	Swains Pond Avenue	Reconstruct Swains Pond Avenue from Grove Street to Wheeler Avenue.	Preservation	$500,000			#6		◗	◗	◗	◗	◗			◗	◗	◗
	Melrose	Wyoming Avenue	Reconstruct Wyoming Avenue from Main Street to the Stoneham town line.	Preservation	$1,500,000			#4		◗	◗	◗	◗	◗			◗	◗	◗

Arterial

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600218	Middleton	Route 62 (Boston Street)	Reconstruct Route 62 (Boston Street) from the Peabody city line to Route 114.	Preservation	$1,500,000	Pre-25%				●	❍	◗	◗	◗			◗	◗	◗
602078	Middleton	Route 62 (Maple Street)	Reconstruct Route 62 (Maple Street) from Washington Street to the Ipswich River.	Preservation	$1,000,000	25% Approved				❍	❍	◗	❍	◗	❍	❍	◗	❍	❍
	Milton	Blue Hills Parkway/Brook Road	Reconstruct the intersection of Blue Hills Parkway and Brook Road.	Improvement				#1		◗	◗	◗	◗	●			●	●	●
604206	Milton	Central Avenue	Reconstruct Central Avenue from Brook Road to Eliot Street.	Preservation	$1,675,000	Pre-25%			TRIC Priority	◗	◗	◗	◗	●	❍	◗	●	●	◗
	Natick	Route 27 (North Main Street)	Reconstruct Route 27 (North Main Street) from North Avenue to Route 9.	Preservation	$2,900,000				MetroWest Priority	●	❍	◗	◗	◗			◗	◗	◗
601586	***Natick & Wellesley***	***Route 9***	Make various improvements (e.g., milling, resurfacing, intersection improvements, etc.) on Route 9 from 1500 feet west of Oak Street to 500 feet east of Woodside Street.	Improvement	$600,000	Pre-25%			MetroWest Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
602012	Needham	Chestnut Street	Reconstruct Chestnut Street.	Preservation	$1,365,000	25% Approved		#2		❍	❍	❍	❍	◗	◗	◗	◗	◗	❍
	Needham	Highland Avenue	Reconstruct Highland Avenue from town center to State Road.	Preservation				#3			❍	◗	◗	◗			◗	◗	◗
601827	Needham & Newton	Needham Street (Highland Avenue)	Reconstruct Needham Street (Highland Avenue) from Centre Street in Newton to Interstate 95 (Route 128) in Needham.	Expansion	$6,600,000	25% Submitted		#1	TRIC Priority	◗	●	●	●	◗	◗	◗	◗	◗	●
602597	Needham & Wellesley	Wellesley Avenue-Hunnewell Street	Reconstruct Wellesley Avenue in Needham and Hunnewell Street in Wellesley and make safety improvements at the intersection of the two roadways.	Improvement	$300,000	Pre-25%					◗	❍	◗	◗			◗	◗	◗
601899	**Newton**	**Commonwealth Avenue (Route 30), Phase 3**	Reconstruct Route 30 (Commonwealth Avenue) from Grant Avenue to the Boston city line.	Preservation	$3,240,000	25% Submitted		#1	Inner Core Priority	●	◗	◗	◗	◗	❍	◗	●	◗	◗
604344	Newton	Needham Street	Rehabilitate Needham Street from Needham Town Line To Winchester Street And Winchester Street From Needham Street To Route 9.	Preservation	$3,850,000	Pre-25%		#2			❍	❍	❍	◗			◗	◗	❍
600932	Newton	Route 30 (Commonwealth Avenue) Phase 4	Reconstruct Route 30 (Commonwealth Avenue) from Auburn Street (east intersection) to the Weston town line.	Preservation	$1,300,000	25% Submitted		#4		●	●	◗	●	◗	❍	❍	◗	❍	◗
601704	Newton	Walnut Street	Reconstruct Walnut Street from Homer Street to Centre Street.	Preservation	$3,200,000	25% Submitted		#2		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
	North Reading	Park Street	Resurfacing and minor widening of Park Street from Concord Street to the Park Street Ipswich River Bridge, sidewalk construction on one side from Route 28 to the Ipswich River Bridge.	Preservation	$850,000			#1	North Suburban Priority	❍	❍	◗	❍	◗			◗	◗	❍

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602378	Norwell	Route 123	Reconstruct Route 123 from just west of Dover Street to the Scituate town line.	Preservation	$900,000	Pre-25%	High Delay Arterial (Low Volume)			◗	❍	◗	◗	◗	❍	◗	◗	◗	◗
600385	Norwell	Route 123 (Main Street)	Resurface Route 123 (Main Street).	Preservation	$225,000	Pre-25%	High Delay Arterial (Low Volume)	#1		●	◗	◗	◗	◗	❍	◗	◗	◗	◗
	Norwood	Pleasant Street/Morse Street	Improve the intersection of Pleasant and Morse Street	Improvement	$500,000			#2	TRIC Priority	◗	◗	◗	◗	◗			◗	◗	◗
	Peabody	Central Street at Tremont Street	Installation of traffic signals and improvements to intersection of Central Street at Tremont Street	Improvement	$350,000			#1		●	◗	◗	◗	●	❍	◗	●	●	●
602235	Peabody	Intersection Improvements at 3 Locations	Make traffic signal and intersection improvements at the following locations: Lowell Street and Lake Street; Lowell Street and Prospect Street; and Lynn Street and County Street.	Improvement	$520,000	Pre-25%		#3		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
602142	Peabody	Route 114	Resurface a section of Route 114, and perform related work.	Preservation	$250,000	Pre-25%			North Shore Priority	◗	●	◗	◗	◗	❍	◗	◗	◗	◗
	Peabody	Washington Street at Allens Lane		Improvement	$250,000			#2		◗	◗	◗	◗	◗			◗	◗	◗
	Pembroke	Route 14 Corridor	Reconstruction, widening, drainage improvements, and related work on Route 14, from Route 53 to the Hanson town line.	Preservation	$4,100,000			#1		❍	◗	◗	◗	◗			●	●	◗
600381	Pembroke	Route 14, Phase 1	Make intersection improvements on Route 14.	Improvement	$1,160,000	Pre-25%				●	❍	◗	◗	◗	❍	◗	◗	◗	◗
	Pembroke	Route 27 Corridor		Preservation						◗	❍	❍	❍	◗			◗	◗	❍
600380	Pembroke	Route 36 (Center Street)	Resurface Route 36 (Center Street) and perform related work.	Preservation	$3,900,000	Pre-25%		#2		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
603391	***Quincy***	***Burgin Parkway***	Construction of a new bridge to elevate the outbound Burgin Parkway traffic over the Centre Street intersection, construction of a new outbound ramp from the intersection of Congress Street and Crown Colony Drive to the existing northbound ramp to Route 3, reconstruct the intersections at Burgin Parkway/ Centre Street and Crown Colony Drive/Congress Street, construct an exclusive right turn from Centre Street onto the existing outbound ramps.	Expansion	$18,000,000	75% Approved		#1		●	●	●	●	●	❍	◗	◗	◗	●

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601947	Quincy	Quincy Center Concourse, Phase 2	Construct the "East Side Link" of the Quincy Center Concourse. This project includes the construction of a roadway link between the "West Side Link" (Phase 1 of the project) and Mechanic Street, and Revere Road.	Expansion	$4,500,000	25% Approved		#2		●	◗	◗	◗	●	❍	◗	◗	◗	◗
	Randolph	Oak Street	Reconstruction of Oak Street from Devine Road to North Street including traffic signalization at North Street and Oak Street	Preservation						●	❍	◗	◗	◗	❍	◗	◗	◗	◗
	Randolph	Route 28 (N. Main Street) and Liberty Street Intersections	Upgrade traffic control signals and improvements to the intersection of Route 28 (N. Main Street) and Liberty St Intersections	Improvement			High Delay Arterial (High Volume)				❍	❍	❍	◗	❍	◗	◗	◗	❍
	Randolph	Route 28 (N. Main Street) and West Street Intersection	Upgrade traffic control signals and improvements to the intersection of Route 28 (N. Main Street) and West Street Intersection	Improvement			High Delay Arterial (High Volume)			●	❍	❍	◗	◗	◗	◗	◗	◗	◗
603716	Randolph	Route 28 (North Main Street)	Resurfacing and related work to Rte. 28 (North Main Street)	Preservation	$750,000	Pre-25%	High Delay Arterial (High Volume)			●	◗	◗	◗	◗			◗	◗	◗
602617	***Reading***	***Route 28 (Main Street)***	Reconstruct Route 28 (Main Street) from Washington Street to Route 129 (Lowell Street).	Improvement	$5,200,000	25% Approved		#1	North Suburban Priority	●	◗	●	●	◗	❍	◗	◗	◗	◗
601705	Reading	West Street	Reconstruct West Street from the intersection of Summer Avenue and Willow Street to the Woburn city line.	Preservation	$1,750,000	Pre-25%		#2	North Suburban Priority	●	◗	◗	◗	◗	◗	◗	◗	◗	◗
089201	Reading & Wilmington	Route 129	Reconstruct Route 129 from approximately 800 feet west of Woburn Street in Wilmington to Causeway Road in Reading, including constructing slip ramps to the Interstate 93/Route 129 interchange.	Expansion	$8,000,000	Pre-25%	High Delay Arterial (Medium Volume)			◗	◗	◗	◗	◗	❍	◗	❍	❍	◗
	Revere	Mahoney Circle Grade Separation	Depress Route 1A/Route 60 under Mahoney Circle and relocate the VFW Parkway. Three alternatives for this project are currently being considered.	Improvement	$25,000,000		CMS Recommendation	#4		●	●	●	●	◗			◗	◗	●
601935	Revere	Park Avenue & Central Avenue	Reconstruct Park Avenue and Central Avenue. This project includes the installation of a traffic signal at Park Avenue and Washington Street, drainage improvements, and ADA compliance.	Preservation	$2,000,000	Pre-25%		#1		◗	◗	●	◗	●	❍	◗	◗	◗	◗
601934	Revere	Revere Street	Reconstruct Revere Street from Broadway to North Shore Road.	Preservation	$1,000,000	Pre-25%		#2		◗	●	◗	◗	●	❍	◗	◗	◗	◗

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										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Revere	Route 1/Route 16 Connector	Route 1/Route 16 Connector	Expansion			CMS Recommendation	#3		●	●	◗	●	◗	❍	◗	◗	◗	◗
	Revere	Route 1A/Route 16 Connector	Route 1A/Route 16 Connector	Expansion			CMS Recommendation	#3		●	●	◗	●	◗	❍	◗	◗	◗	◗
118156	Revere & Saugus	Route 107	Resurface Route 107 from the Broadway Rotary to Fox Hill Bridge in Saugus.	Preservation	$1,350,000	Pre-25%	High Delay Arterial (Medium Volume)	#7		◗	●	◗	◗	◗	❍	◗	❍	❍	◗
602523	Rockland	North Avenue	Reconstruct North Avenue from the Abington town line to Union Street . Work on this project includes the installation of granite curbing and sidewalk accessibility improvements.	Preservation	$1,000,000	Pre-25%				◗	◗	❍	◗	◗	❍	◗	◗	◗	◗
602532	Rockland	Pleasant Street	Reconstruct Pleasant Street from VFW Drive to Liberty Street.	Preservation	$600,000	Pre-25%				❍	❍	❍	❍	◗	❍	◗	◗	◗	❍
602530	Rockland	Salem Street	Reconstruct and widen Salem Street and install pavement markings.	Improvement	$1,200,000	Pre-25%				❍	◗	❍	❍	◗	❍	◗	◗	◗	❍
602395	Rockland	Traffic Signals at 5 Locations	Install traffic signals at 5 locations: Union Street and Webster Street; Liberty Street and E. Water Street; Central Street and Centre Street; Salem Street and Spruce Street; and North Avenue and Plain and Salem Streets.	Improvement	$800,000	Pre-25%				◗	❍	◗	◗	◗	❍	◗	◗	◗	◗
602195	Rockland	Union Street	Reconstruct Union Street.	Preservation	$1,800,000	25% Approved				❍	❍	◗	❍	◗	❍	◗	◗	◗	❍
	Rockland	VFW Drive,Weymouth Street, Hingham Street	Reconstruction of Weymouth St., VFW Drive - Hingham St. (full depth).	Preservation						❍	◗	◗	◗	◗			◗	◗	◗
	Rockport	Curtis Street	Resurfacing of the roadway including new guardrails, sidewalks and curbs, and correcting drainage problems.	Preservation						◗	◗	❍	◗	◗			❍	❍	❍
	Rockport	Stockholm Avenue	Resurfacing of Stockholm Ave.	Preservation						◗	◗	❍	◗	◗			❍	❍	❍
600986	Salem	Boston Street	Reconstruct and widen Boston Street from Route 107 to the Peabody city line.	Improvement	$1,100,000	Pre-25%		#7		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
005399	Salem	Bridge Street (Beverly/Salem Bridge)	Reconstruct Bridge Street from Flint Street to Washington Street. Bridge Street will be widened from two to four travel lanes between Flint Street and the North Street interchange ramps. The project will also include new sidewalks, curbing, drainage, street lighting and trees.	Improvement	$3,000,000	25% Submitted		#3		◗	◗	◗	◗	❍	❍	◗	❍	❍	❍
602810	Salem	Commercial Street	Connect Commercial Street to Tremont and Mason Street.	Expansion	$500,000	Pre-25%					◗	◗	◗	●	❍	◗	◗	◗	◗

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602811	Salem	Essex Street	Reconstruct Essex Street to convert it from a pedestrian mall to a through street.	Preservation	$2,000,000	Pre-25%					◗	❍	◗	◗			◗	◗	◗
602186	Salem	Route 107 Intersection Improvements	Make intersection improvements at the following 7 locations on Route 107, including installing traffic signals: Walmart (just south of Clark Street); Old Village Drive; Barnes Road and Ravenna Avenue; Swampscott Road; Marlborough Road and Traders' Way; Hawthorne Plaza and Pep Boys Plaza; and Wilson Street.	Improvement	$500,000	25% Approved	High Delay Arterial (Medium Volume)	#4		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
601323	***Salem***	***Route 114 (North Street)***	Reconstruct Route 114 (North Street) from the Peabody city line to Bridge Street.	Preservation	$2,400,500	25% Approved		#1		◗	●	●	●	◗	❍	◗	◗	◗	◗
601017	***Salem***	***Route 1A (Bridge Street)***	Reconstruct Route 1A (Bridge Street) from the Veterans' Memorial Bridge to Washington Street.	Preservation	$2,000,000	Pre-25%	High Delay Arterial (Medium Volume)	#2		●	●	●	●	◗	❍	◗	◗	◗	●
601141	Salem	Route 1A (Loring Avenue)/Canal Street & Jefferson Avenue	Make safety improvements at the intersection of Route 1A (Loring Avenue) and Canal Street and Route 1A (Loring Avenue) and Jefferson Avenue.	Improvement	$470,000	Pre-25%	High Delay Arterial (Medium Volume)	#8		●	◗	❍	◗	◗			◗	◗	◗
601513	***Saugus***	***Route 1/Walnut Street***	Reconfigure the Route 1 and Walnut Street interchange by consolidating all vehicles exiting from Route 1 onto a separate northbound or southbound exit ramp.	Preservation	$6,700,000	25% Approved	CMS Recommendation	#1	Inner Core Priority	◗	●	●	●	◗	❍	❍	◗	❍	◗
600355	Scituate	Route 123	Resurface Route 123 from the Norwell town line to Chief Justice Cushing Way.	Preservation	$64,000	Pre-25%	High Delay Arterial (Low Volume)			❍	◗	◗	◗	◗	◗	❍	◗	◗	◗
601915	Sharon	Bay Road	Resurface and rehabilitate Bay Road.	Preservation	$1,200,000	Pre-25%		#3		●	◗	◗	◗	◗	❍	◗	◗	◗	◗
601914	Sharon	Massapoag Avenue	Resurface and rehabilitate Massapoag Avenue.	Preservation	$1,450,000	Pre-25%		#4		●	◗	◗	◗	◗	❍	◗	❍	❍	◗
600837	Sharon	Route 27 (Norwood & High Plain Streets)/Edge Hill Road	Make safety improvements to the intersection of Route 27 (Norwood & High Plain Sts.) and Edge Hill Road.	Improvement	$225,000	Pre-25%		#1	TRIC Priority	◗	◗	◗	◗	◗	❍	❍	◗	❍	◗
602379	Sharon	Route 27 (Norwood Street)	Reconstruct and widen Route 27 (Norwood Street) from North Main Street to the Walpole town line.	Improvement	$2,300,000	Pre-25%		#2		◗	◗	◗	◗	◗	❍	❍	◗	❍	◗
600541	Sherborn	Route 16/27 (North Main Street)	Reconstruct Route 16/27 from the Natick town line to the intersection of Washington and Main Streets.	Preservation	$1,500,000	25% Approved				◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
	Sherborn	Washington Street	Reconstruct Washington Street from Sawin Street to the Holliston town line.	Preservation	$500,000					❍	❍	◗	❍	◗			◗	◗	❍

Arterial

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										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	Overall
601820	***Somerville***	***Beacon Street***	Reconstruct Beacon Street from Oxford Street to the Cambridge city line.	Preservation	$3,900,000	25% Approved		#2	Inner Core Priority	●	●	◗	●	●	◗	◗	◗	●	●
601819	Somerville	College Avenue	Reconstruct College Avenue from Powder House Square to the Medford city line.	Preservation	$600,000	75% Approved		#4		◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Somerville	Cross Street/Pearl Street	Improve the intersection of Cross Street and Pearl Street, including resurfacing the roadway, upgrading the signals, and improving the markings.	Improvement	$200,000						❍	❍	❍	◗			◗	◗	❍
	Somerville	Powderhouse Boulevard/Packard Avenue	Upgrade the signalization at the intersection of Powderhouse Boulevard and Packard Avenue.	Improvement	$150,000						❍	❍	❍	◗			◗	◗	❍
601145	Somerville	Route 28	Upgrade the traffic signals at three locations on Route 28: Broadway, Pearl, and Highland Avenue.	Improvement	$1,500,000	100% Approved		#7		●	●	◗	●	●			◗	●	●
602109	***Somerville***	***Somerville Avenue***	Reconstruct Somerville Avenue from Union Square to Cambridge city line.	Preservation	$13,000,000	25% Approved		#1	Inner Core Priority	●	●	●	●	●	◗	◗	◗	●	●
	Somerville	Somerville Avenue/Elm Street	Upgrade the signalization and markings at the intersection of Somerville Avenue and Elm Street.	Improvement	$250,000						❍	❍	❍	◗			◗	◗	❍
601821	Somerville	Temple Street	Reconstruct Temple Street from Broadway to Mystic Avenue.	Preservation	$650,000	Pre-25%		#8		◗	●	◗	◗	●	◗	◗	◗	●	●
603288	Somerville	Washington Street	Reconstruct Washington Street from the Boston city line to Route 28 (McGrath Highway).	Preservation	$1,750,000	Pre-25%		#6		◗	●	●	●	●	◗	◗	◗	●	●
131511	Stoneham	Route 28	Reconstruct Route 28 from Marble Street to South Street.	Preservation	$1,506,670	Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
602165	Stoneham	Route 28/North Street	Install traffic signals at the intersection of Route 28 and North Border and South Street, and the intersection of Route 28 and North Street.	Improvement	$200,000	Pre-25%			North Suburban Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
601109	Stoughton	Route 138	Resurface Route 138 from 300 feet north of Thomas Street to the Canton town line.	Preservation	$500,000	Pre-25%				●	❍	◗	◗	◗			◗	◗	◗
602717	Stoughton	Route 138	Reconstruct a portion of Route 138 (Station 45+00 to Station 61+33.51).	Preservation	$500,000	Pre-25%				●	◗	◗	◗	◗			◗	◗	◗
	Sudbury	Old Sudbury Road	Reconstruct Old Sudbury Road and upgrade traffic signals.	Improvement				#3		◗	❍	◗	◗	◗			◗	◗	◗
	Sudbury	Route 20/Horsepond Road	Intersections improvements at Route 20 and Horesepond Road	Improvement				#2		◗	◗	◗	◗	◗			◗	◗	◗
	Sudbury	Route 20/Landham Road Intersection	Route 20/Landham Road intersection	Improvement				#1	MetroWest Priority	◗	◗	◗	◗	◗			◗	◗	◗
	Swampscott	Atlantic Avenue	Rehabilitation of the roadway from the intersection of Puritan and Humphrey to the Marblehead Town Line.	Preservation						●	❍	◗	◗	◗			◗	◗	◗

Arterial

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602005	Swampscott	Essex Street	Resurface Essex Street from the Lynn city line to the Salem city line.	Preservation	$850,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
600989	Swampscott	Route 129 (Humphrey Street)	Reconstruct Route 129 (Humphrey Street) from the Lynn city line to Puritan Road.	Preservation	$900,000	Pre-25%	High Delay Arterial (Medium Volume)			●	❍	◗	◗	◗			◗	◗	◗
602747	Topsfield	Ipswich Road	Reconstruction of Ipswich Road from Main Street to Route 1.	Preservation	$2,000,000	25% Approved		#1		●	◗	◗	◗	●	◗	◗	●	●	●
600596	Topsfield	Route 1/Route 97 (High Street)	Reconstruct the intersection of Route 1 and Route 97 (High Street), including upgrading the signalization.	Improvement	$575,000	75% Approved		#3		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
602733	Topsfield	Washington Street, High Street Extension & Boxford Road	Reconstruct Washington Street, High Street Extension, and Boxford Road.	Preservation	$1,500,000	Pre-25%		#2		◗	◗	◗	◗	◗	◗	◗	●	●	◗
603311	Wakefield	Salem Street and Three Intersections	Make safety improvements at three intersections on Salem Street. The project consists of the installation of traffic signals at the intersections of Salem Street with Pleasure Island Road, Montrose Avenue, and the Route 128 Northbound On/Off Ramp.	Improvement	$1,800,000	25% Approved		#1		❍	◗	◗	◗	◗	❍	◗	◗	◗	◗
601181	Wakefield	Salem Street -Vernon Street	Reconstruct the intersection of Salem Street and Vernon Street.	Preservation	$450,000	Pre-25%		#2		◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
600671	Walpole	Route 1A (Main Street)	This portion of the project will consist of full depth reconstruction of Main Street, sidewalk installation, granite curbing, existing drainage upgrading, the signalization of two intersections, and the reconstruction of the bridge over the Neponsit River near Kendall Street.	Preservation	$6,500,000	Pre-25%		#3		◗	◗	●	◗	◗	❍	◗	◗	◗	◗
602261	Walpole	Route 1A (Main Street)	Reconstruct Route 1A (Main Street) from Front Street to the Norfolk town line, and replace the Route 1A Bridge (W-3-24).	Preservation	$3,500,000	25% Submitted		#4		◗	◗	◗	◗	◗			◗	◗	◗
602721	***Walpole***	***Route 1A /Winter Street***	Improve the intersection of Route 1A and Winter Street and install traffic signals.	Improvement	$1,035,000	75% Approved		#1	TRIC Priority	●	◗	●	●	●	❍	❍	◗	◗	◗
600345	Walpole	Route 27 (East Street)	Resurface Route 27 (East Street) from Main Street to High Plain Street, and perform related work.	Preservation	$80,000	Pre-25%		#5											
603043	Waltham	Interstate 95/Trapelo Road	Upgrade the traffic signals on Trapelo Road in the vicinity of Interstate 95.	Improvement	$500,000	Pre-25%				◗	◗	❍	◗	◗	❍	◗	◗	◗	◗
	Waltham	Moody Street/Maple Street/High Street	Improve the intersection of High St./Maple St. with geometric and signal improvements.	Improvement						◗	◗	❍	◗	◗			◗	◗	◗
	Waltham	Trapelo Road/Forest Street	Improve the intersection of Trapelo Rd. and Forest St. with geometric improvements and signal installation.	Improvement							❍	❍	❍	◗			◗	◗	❍

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										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Waltham	Trotten Pond Road/Lexington Street/Bacon Street	Improve the intersection of Totten Pond Road/Lexington St./Bacon St. with geometric and signal improvements.	Improvement						◗	◗	◗	◗	◗			◗	◗	◗
	Waltham	Wyman Street	Widen Wyman St. and improve the intersection of Smith St./Lincoln St. including vertical alignments.	Improvement							●	❍	◗	◗			◗	◗	◗
602053	Watertown	Intersection Improvements at 3 Locations	Make intersection improvements at three locations: Arlington Street and Nichols Avenue and Coolidge Hill Road and Crawford Street; Spring Street and Summer Street; and Mount Auburn Street and Summer Street.	Improvement	$875,000	25% Approved		#2		◗	◗	●	◗	◗	◗	◗	◗	◗	◗
601686	***Watertown***	***Pleasant Street & Howard Street***	Reconstruct Pleasant Street and Howard Street.	Preservation	$4,536,400	25% Approved		#1	Inner Core Priority	●	●	●	●	◗	◗	◗	◗	◗	●
601579	Wayland	Route 27 (Main Street)/Route 30 (Commonwealth Road)	Make geometric improvements and upgrade the signalization at the intersection of Route 27 (Main Street) and Route 30 (Commonwealth Road).	Improvement	$200,000	Pre-25%				●	◗	◗	◗	◗	❍	◗	◗	◗	◗
125298	Wellesley	Route 9 Drainage	Improve the drainage along Route 9 (Boulder Brook Culvert).	Improvement	$1,000,000	Pre-25%			MetroWest Priority	◗	❍	◗	◗	◗	❍	❍	●	◗	◗
604028	Wenham	Route 97 (Topsfield Road)	Safety and intersection improvements on Route 97 (Topsfield Road) at Cherry and Maple Streets	Improvement	$422,500	25% Approved		#1		◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
601999	Weston	Route 117 (North Avenue)	Resurface a section of Route 117 (North Avenue).	Preservation	$1,800,000	Pre-25%					❍	◗	◗	◗			◗	◗	◗
602000	Weston	Route 30 (South Avenue)/Wellesley Street	Make safety improvements to the intersection of Rte. 30 (South Avenue) and Wellesley Street.	Improvement	$450,000	Pre-25%					◗	◗	◗	◗			◗	◗	◗
	Westwood	Canton Street	Roadway rehabilitation with the installation of curbing, sidewalks, bicycle accommodations and drainage improvements.	Improvement							●	❍	◗	◗			◗	◗	◗
	Westwood	Gay Street	This project will include pavement resurfacing, curb installation and sidewalks along with bicycle accommodations.	Preservation							❍	❍	❍	◗			◗	◗	❍
	Westwood	Hartford Street	Resurfacing with the addition of curbing and sidewalks.	Preservation							❍	❍	❍	◗			◗	◗	❍
602423	Weymouth	Columbian Street (Old Route 128)	Make drainage improvements along Columbian Road (Old Route 128).	Improvement	$100,000	Pre-25%					◗	◗	◗	◗			◗	◗	◗
	Weymouth	Route 18 (Right-of-Way)	Purchase right of way for Route 18.	Expansion	$1,800,000					◗	●	◗	◗	◗	❍	◗	◗	◗	◗
603161	***Weymouth***	***Route 18 Intersections***	Make traffic signal improvements at three locations on Route 18: West Street, Park Avenue and Columbian Street	Improvement	$3,200,000	100% Approved		#1		◗	●	◗	◗	◗	❍	◗	◗	◗	◗

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	Weymouth	Route 3 Access	Provide access from Route 3 to the South Weymouth Naval Air Station.	Expansion	$3,000,000					◗	●	◗	◗	◗			❍	❍	◗
603635	Weymouth	Route 3A (Bridge Street)	Resurface pavement of Route 3A (Bridge Street). Restripe pavement. Repair sidewalk and curb as necessary and provide pedestrian ramps where needed from Green Street to Fore River Bridge.	Preservation	$700,000	100% Approved		#3		●	●	●	●	◗	❍	◗	◗	◗	●
114906	Weymouth	Route 53 (Washington Street) /Middle Street	Make safety improvements at the intersection of Route 53 (Washington Street) and Middle Street and Winter Street.	Improvement	$816,000	25% Approved		#2		●	●	◗	●	◗	❍	◗	◗	◗	◗
	Weymouth	South Weymouth Naval Air Station Reuse	Construct roadways and associated infrastructure for the reuse of the South Weymouth Naval Air Station. This work is associated with on-base improvements.	Expansion	$7,000,000					◗	❍	●	◗	◗			●	●	◗
601630	Weymouth & Abington	Route 18	Widen Route 18 (Main Street) from two to four lanes from Route 3 in Weymouth to Route 139 in Abington.	Expansion	$14,000,000	Pre-25%			South Shore Priority	●	●	●	●	❍	❍	◗	❍	❍	◗
	Weymouth & Abington	Route 18 (Design & Permitting)	Fund design and permitting work associated with the widening of Route 18 from Route 3 to Columbian Street.	Expansion	$1,500,000					◗	◗	◗	◗	◗			◗	◗	◗
	Wilmington	Route 62	Resurface Route 62 from Interstate 93 to Route 38 (Main Street) This project includes #601897.	Preservation	$3,000,000			#3		◗	●	◗	◗	◗			◗	◗	◗
601897	Wilmington	Route 62, Phase 2	Resurface Route 62 (Burlington Avenue) from Route 129 to the Burlington town line.	Preservation	$300,000	Pre-25%				◗	◗	◗	◗	◗			◗	◗	◗
	Winchester	North Main Street Project	Street and Sidewalk improvements along North Main Street form the Woburn line to Skillings Road; approx.. 1/8 mile. It would include burying utilities, sidewalk improvements, full depth roadway reconstruction, ADA improvements, street furnishings, and the addition of street trees.	Preservation	$10,000,000			#4		◗	◗	●	◗	◗			◗	◗	◗
601019	Winchester	Signal Upgrades at 4 Locations	Upgrade the traffic signals at: Cambridge Street and Pond Street; Cambridge Street and Church and High Streets; Cambridge Street and Everett Avenue and Myopia Road; and Church Street and Fletcher and Bacon Streets.	Improvement	$1,400,000	25% Approved		#1	North Suburban Priority	◗	●	◗	◗	◗	❍	❍	◗	❍	◗
602598	Winthrop	Pauline Street	Resurface Pauline Street from Herman Street to Weldmar Avenue.	Preservation	$718,000	Pre-25%					❍	❍	❍	◗			◗	◗	❍
	Woburn	Breed Avenue Extension	Extend Breed Avenue to New Boston Street.	Expansion				#6		◗	◗	◗	◗	◗	❍	◗	❍	❍	◗

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	Woburn	Montvale Avenue	Reconstruct Montvale Avenue.	Improvement	$1,500,000			#2	North Suburban Priority	◗	◗	●	◗	◗			◗	◗	◗
	Woburn	New Boston Street Bridge	Construct the New Boston Street Bridge to connect New Boston Street with Woburn Street	Expansion	$3,500,000			#1	North Suburban Priority	◗	❍	◗	❍	❍	❍	◗	◗	❍	❍
600176	Woburn	Route 3/Bedford Road	Upgrade the traffic signals at the intersection of Route 3 and Bedford Road.	Improvement	$300,000	Pre-25%		#7		◗	◗	◗	◗	◗	❍	❍	◗	❍	◗
600418	Wrentham	Route 140 (Franklin Street)	Resurface a section of Route 140 (Franklin Street).	Preservation	$240,000	Pre-25%				●	❍	◗	◗	◗			◗	◗	◗

Major Highway

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604369	Beverly	Route 128 Brimbal Avenue Overpass / Interchange Reconstruction	Reconstruct Route 128 Brimbal Avenue Overpass / Interchange	Improvement	$13,000,000			#1		●	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Bolton & Littleton	***Interstate 495***	Fund structural overlay on Interstate 495.	Preservation	$10,000,000					◗		◗	◗						
602193	Boston	I-93	Resurface Interstate 93 from Savin Hill to Massachusetts Avenue.	Preservation	$1,500,000	Pre-25%				◗	◗	◗	◗						
603401	Boston	I-93 HOV Lane Maintenance	Install pavement markings, make slight alignment changes, and revise the signage for the I-93 HOV lane.	Preservation	$250,000	100%				◗	◗	◗	◗						
603134	Braintree	I-93/Route 37	Make improvements to the Interstate 93 (Route 128) interchange with Route 37 (Granite Street).	Improvement	$4,720,000	25%	CMS Recommendation			◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
600172	Braintree	Union Street/Route 3 Ramp	Improve the traffic control at the intersection of Union Street and the Route 3 Ramp.	Improvement	$100,000	Pre-25%		#3		●	◗	◗	◗	●	❍	◗	◗	◗	◗
603833	Braintree to Plymouth	Traffic signs improvement on Route 3	Traffic signs improvement on Route 3	Improvement	$1,750,000	Pre-25%													
600821	Burlington, Reading & Woburn	I-95 (Route 128)	Make safety improvements to the median of Interstate 95 (Route 128) in Burlington, Reading and Woburn, and install guardrails.	Improvement	$3,000,000	Pre-25%				◗	◗	◗	◗						
087790	Canton	I-95 (Route 128)/I-93 Interchange	Reconstruct the interchange connecting Interstate 95 (Route 128) to Interstate 93.	Improvement	$27,700,000	Pre-25%	CMS Recommendation			●	◗	◗	◗	◗	❍	◗	❍	◗	◗
087800	***Canton, Dedham, Milton, Randolph, Westwood***	***Route 128 Transportation Improvement Project Roadway Contract 1***	Contract 6 consists of approximately 5 miles of I-95/93 (Route 128) roadway construction, beginning at Route 24 (Randolph) to the MBTA Franklin Rail Road Line bridge in Westwood, north of the East Street Rotary.	Expansion	$23,670,000	25%	CMS Recommendation			●	●	●	●	◗	❍	◗	◗	◗	◗
087612	***Danvers & Peabody***	***Route 128, Route 35 and Route 62 Interchanges***	Construct new acceleration/deceleration lanes at the Route 35 (High Street) and Route 62 (Elliot Street) interchanges. The project also proposed to replace the bridge carrying Route 128 over an unused MBTA rail road located south of the High Street interchange.	Improvement	$11,000,000	75%	CMS Recommendation			●	●	◗	●	◗	◗	◗	◗	◗	◗
603162	***Dedham & Westwood***	***Route 128 Transportation Improvement Project Contract 3***	The Route 128 Transportation Improvement Project will widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway. Contract 3 replaces the Route 1 and Route 1A bridges over Interstate 95 (Route 128) (total of four bridges) plus 1.25 miles of mainline roadway construction with 3-4 noise barrier locations.	Preservation	$29,243,158	25%	CMS Recommendation					❍	❍							

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603206	***Dedham, Needham & Westwood***	***Route 128 Transportation Improvement Project Contract 4***	Contract 4 will consist of adding a new 12-foot travel lane and 10- foot shoulder toward the median in both directions. The limits will begin from just south of Route 109 structures in Dedham and extend to just north of the Needham railroad line in Needham. The total length of project is approximately 4.0 miles of I-95/Route 128 roadway.	Preservation	$53,142,500	25%	CMS Recommendation					◗	◗							
604367	Dedham, Needham, Wellesley & Westwood	I-95	Dedham- Needham- Wellesley- Westwood- Resurfacing And Related Work, I-95	Preservation	$3,500,000	Pre-25%													
603826	Duxbury	Route 3A cold planning and resurfacing	Resurfacing and cold planning for a section of Route 3A	Preservation	$1,300,000	Pre-25%				◗	❍	◗	◗						
036505	Duxbury & Kingston	Route 3	Resurface a section of Route 3 and perform related work.	Preservation	$4,000,000	Pre-25%				◗	◗	◗	◗						
601932	Franklin to Mansfield	I-495 (SB)	Reconstruct Interstate 495 (southbound) in Foxborough, Franklin, Mansfield, Plainville, and Wrentham	Preservation	$10,000,000	Pre-25%				●	◗	◗	◗	◗				◗	◗
602273	Hanover to Hingham	Route 3	Resurface Route 3 in Hanover, Hingham, Norwell, and Rockland.	Preservation	$13,000,000	Pre-25%				◗	◗	◗	◗						
603345	Hudson & Marlborough	I-495/I-290 Interchange	Add capacity to the Interstate 495/Interstate 290 Interchange. This project includes the replacement of four bridges: Interstate 495--over the Assabet River (H-25-16), over River Road (H-25-17), and over Robin Hill Road (M-6-7)--and the Interstate 290 Bridge over the Westbound Connector (M-6-19).	Expansion	$25,000,000	Pre-25%	CMS Recommendation	#1			◗	◗	◗		❍	◗		◗	◗
604362	Littleton & Westford	I-495	Littleton- Westford- Resurfacing And Related Work, Boxborough/Littleon Town Line Northerly To Bridge Over Boston Road In Westford	Preservation	$8,750,000	Pre-25%													
	Lynnfield & Peabody	***Interstate 95***	Fund milling and structural overlay on Interstate 95.	Preservation	$5,000,000					◗		◗	◗						
604381	Lynnfield & Peabody	Noise Barriers, I-95	Lynnfield- Peabody- Noise Barriers, I-95	Improvement	$3,000,000	Pre-25%													
602144	Lynnfield & Wakefield	I-95 (Route 128)	Resurface a section of Interstate 95 (Route 128), and perform related work.	Preservation	$1,394,650	100%		#4		●	◗	◗	◗						
604121	Marlborough & Northborough	Interstate 290	Resurfacing on Interstate 290, from the Bolyston/Northborough Town Line east into Marlborough	Preservation	$6,000,000	Pre-25%				◗	❍	◗	◗						
021120	Milton & Quincy	Furnace & Cunningham Brooks	Improve the drainage of Furnace and Cunningham Brooks by constructing a second relief drain parallel to the existing drain, extending from Huntington Road in Milton to the open channel along Furnace Brook Parkway.	Improvement	$18,700,000	Pre-25%					❍	❍	❍						

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603711	***Needham & Wellesley***	***Route 128 Transportation Improvement Project Contract 5***	The replacement of five bridges and approximately 3.5 miles roadway widening from south of Kendrick Street to north of Route 9, a travel lane and shoulder each direction, potential provisions for weaving movements between Highland Avenue and Kendrick Street and the adjacent business park in Needham.	Expansion	$80,212,050	Pre-25%	CMS Recommendation					◗	◗		◗	◗	◗		◗	
602840	Newton & Wellesley	I-95 Noise Barriers	Construct noise barriers along Interstate 95 in Newton and Wellesley.	Improvement	$1,500,000	Pre-25%				◗	◗	◗	◗						
603825	Norwood, Sharon & Walpole	Route 1 Resurfacing	Cold planning and resurfacing on a section of Rte. 1.	Preservation	$2,500,000	Pre-25%				◗	◗	❍	◗	◗				◗	◗
	Randolph to Wellesley	***Route 128 Transportation Improvement Project (Design)***	Fund bridge and roadway design work for the addition of two general purpose lanes, one Northbound and one Southbound, to Route 128 in Randolph, Canton, Westwood, Dedham, Needham and Wellesley.	Expansion	$12,000,000		CMS Recommendation		MetroWest Priority	●	◗	◗	◗	◗			◗	◗	◗
089200	Reading & Wilmington	Route 129	Construct an interchange at Interstate 93 and Route 129, and widen Route 129.	Expansion	$3,625,000	25%	High Delay Arterial (Medium Volume)	#2	North Suburban Priority	●	●	◗	●	◗	❍	◗	❍	◗	◗
180515	Sharon	I-95/Route 1 Interchange	Construct a new interchange connecting Interstate 95 to Route 1.	Expansion	$10,000,000	Pre-25%					◗	◗	◗		❍	❍		❍	❍
600831	Somerville	I-93/Route 28/Mystic Avenue Interchange	Reconstruct the Interstate 93/Route 28/Mystic Avenue Interchange (Fells-McGrath Highway).	Preservation	$55,000,000	Pre-25%		#7		●	●	●	●	●	◗	◗	◗	●	●
603916	Somerville & Medford	Route 93 Lighting	Highway lighting refurbishment on Rte. 93	Preservation	$6,500,000	Pre-25%				◗	◗	◗	◗						
	Southborough & Westborough	***Interstate 495***	Fund structural overlay on Interstate 495.	Preservation	$3,500,000					◗		◗	◗						
	Southborough/Westborough	I-495/Route 9 intersection improvements	I-495/Rte. 9 intersection improvements	Improvement					MetroWest Priority		◗	◗	◗						
603917	Stoneham & Woburn	Route 93 Lighting	Highway lighting refurbishment on Rte. 93	Preservation	$7,500,000	Pre-25%				◗	◗	◗	◗						
	Walpole	Coney Street Interchange with Route 95	This project will enhance the access to Route 95 by creating access for both north and south directions and on and off directions.	Expansion	$4,500,000	Pre-25%		#6		❍	❍	◗	❍	❍			◗	◗	❍
	Waltham & Wellesley	***Interstate 95***	Fund repitching of breakdown lane and structural overlay.	Preservation	$14,000,000					◗		●	◗						
603739	Wrentham	I-495/Route 1A Ramps	Construction of I-495/Rte. 1A Ramps.	Expansion	$4,000,000	Pre-25%			SWAP Priority	◗	◗	◗	◗	❍	❍	❍	◗	❍	❍

Bicycle/Pedestrian

KEY: ● = High ◗ = Medium ❍ = Low

ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					Overall
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Acton & Maynard	***Assabet Rail Trail***	Construct the Acton and Maynard sections of the Assabet Rail Trail from Main Street in South Acton to the Maynard/Stow border.	Expansion	$4,390,000			#1	MAGIC High Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Acton, Carlisle, Concord & Sudbury	***Bruce Freeman Memorial Bicycle Path***	Design and construct Bruce Freeman Trail Phase 2 from Westford to South Sudbury along the Lowell secondary track right-of-way owned by the Commonwealth of Massachusetts	Expansion	$4,400,000			#4	MAGIC High Priority	●	●	◗	●	◗	❍	◗	◗	◗	◗
600811	***Belmont, Cambridge & Somerville***	***Alewife Station Bicycle Facility***	Construction of a bicycle path from Somerville to Belmont. The project starts at the end of the Somerville Bicycle Path, continues through Davis Square, and follows Linear Park to Alewife Station in Cambridge where it will connect with Minuteman Path.	Expansion	$1,200,000	75%		#1	Inner Core Priority	●	●	●	●	●	◗	◗	◗	●	●
	Beverly	Beverly Bikeway	Design and construct an 11-mile pedestrian and bicycle facility from the Veterans' Memorial Bridge to the Wenham/Manchester town lines.	Expansion	$246,000			#4		◗	●	◗	◗	●	❍	◗	◗	◗	◗
602514	Beverly & Salem	Route 1A Bridge and Walkway on Bevery Harborfront	Make improvements to the Old Route 1A Bridge in Salem and construct a walkway on the Beverly Harbor front.	Improvement	$1,000,000	Pre-25%													
005625	Boston	Dorchester Bicycle Facility	Construct a bicycle facility from Victory Road Park to Tenean Beach/Southeast Expressway.	Expansion	$100,000	Pre-25%				◗	◗	◗	◗	◗	◗	◗	❍	◗	◗
	Boston	Linking the Corridors	Reconstruct paved bicycle/jogging paths in Back Bay Fens Park and provide separate pedestrian paths. Also, connect Back Bay Fens Park and Southwest Corridor Park, improve bicycle and pedestrian safety along Forsyth Street, and create public spaces.	Expansion	$1,000,000			#1		◗	◗	●	◗	●	◗	◗	◗	●	◗
	Boston	***South Bay Harbor Trail***	Design and construction of the South Bay Harbor Trail from Ruggles Station to Boston Harbor in South Boston along the Fort Point Channel	Expansion	$3,850,000			#1		◗	●	●	●	●	◗	◗	●	●	●
	Cambridge	Fitchburg Rail Line Crossing	Construct a bicycle and pedestrian crossing over the Fitchburg Rail Line.	Expansion	$5,000,000						❍	◗	❍		◗	◗	❍	◗	❍
602977	Cohasset	Pedestrian Facility	Construct a walkway on the south side of South Main Street from Robert E. Jason Lane to Elm Street.	Improvement	$215,000	25%		#1		❍	◗	◗	❍	◗	❍	◗	❍	❍	❍
602929	***Holliston***	***Upper Charles Trail***	Construct a 2-mile bicycle/pedestrian trail along an abandoned rail line from west of Hopping Brook Road to Cross Street. This project is one section of the Upper Charles Rail Trail.	Expansion	$613,000	75%			SWAP Priority	◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
	Hopkinton	Grove Street	Add a bike lane along Grove Street.	Expansion						◗	❍	◗	❍	◗	❍	◗	❍	❍	❍
601603	Hull	Pemberton Pier	Plan, design, and construct bicycle and pedestrian improvements in the area of Pemberton Pier. Also, relocate utilities and improve the aesthetics of the area.	Improvement	$629,000					◗	❍	◗	❍	◗			❍	❍	❍

Bicycle/Pedestrian

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ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation: Condition	Transportation: Safety	Transportation: Mobility	Transportation: Transportation	Other: Community	Other: Land Use	Other: Econ. Dev.	Other: Environment	Other: Other	Overall
	Lynn, Malden, Revere & Saugus	Bike to the Sea, Phase 2	Plan and design 8.4 miles of a 10 mile, five community bicycle facility.	Expansion	$690,000				Inner Core Priority	◗	◗	◗	◗	●	❍	●	❍	◗	◗
	Milford	***Upper Charles Trail, Phase 2***	Construct the second phase of the Upper Charles Trail.	Expansion	$3,000,000			#1	SWAP Priority	◗	●	●	●	◗	❍	◗	◗	◗	◗
602341	Peabody	Bikeway & Greenway	Construct a bike trail from West Peabody to downtown; the project includes the removal of abandoned railroad tracks, grading and paving an 8-foot wide hard-surfaced bikeway, landscaping; signage, and the installation of park benches.	Expansion	$1,363,766	25%		#1	North Shore Priority	◗	●	◗	◗	◗	❍	◗	◗	◗	◗
	Peabody	Riverwalk	Construct a one-mile linear park along the banks of Goldwaithe Brook and the North River through Peabody Square, with links to the George Peabody House, the Peabody Institute, Emerson Park, Harmony Grove Cemetery, downtown, and the City of Salem.	Expansion	$1,574,000			#3		◗	◗	●	◗	◗	◗	●	●	●	●
	Salem	Salem Trail, Phase 1	Construct 2 miles of a bicycle and pedestrian trail.	Expansion	$491,472			#5		◗	◗	◗	◗	◗	❍	◗	❍	❍	◗
	Salem	Salem Trail, Phase 2	Design and construct sections 2 and 3 of Salem's multi-use trail system. Section 2 runs from Harmony Grove Road to Flint Street. Section 3 runs from Webb Street to Fort avenue and along Fort Avenue to Salem Willows Amusement Park.	Expansion	$355,370			#6		◗	◗	◗	◗	◗	❍	◗	❍	❍	◗
	Somerville	***Somerville Community Path Phase I***	Construction of Phase I of the Somerville Community Path from Cedar Street to Central Street. The Somerville Community Path is a proposed 2 mile multi-use path that will connect the Minuteman Commuter Bikeway to the Paul Dudley White Paths along the Charles River.	Expansion	$500,000				Inner Core Priority	◗	●	◗	◗	●	◗	◗	◗	●	◗
	Stoneham, Winchester, and Woburn	***Tri-Community Bikeway (Construction)***	Construct a 5.7 mile bicycle facility in Stoneham, Winchester, and Woburn.	Expansion	$4,400,000			#1	North Suburban Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Stoneham, Woburn & Winchester	***Tri-Community Bikeway (Design)***	Design a 5.7 mile bicycle facility in Stoneham, Winchester, and Woburn.	Expansion	$600,000			#1	North Suburban Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Waltham	Waltham Wayside Trail	Acquire three miles of MBTA surplus MassCentral right-of-way for the Waltham Wayside Trail.	Expansion	$3,000,000			#1			◗	◗	◗	◗			◗	◗	◗

Bicycle/Pedestrian

KEY: ● = High
◗ = Medium
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ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					Overall
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Watertown	Minuteman Path Right-of-Way	Acquire Watertown branch of right-of-way to connect Minuteman Path from Arlington, Cambridge, and Watertown to Dr. Paul Dudley White Bike Path in Boston.	Expansion				#3		❍	❍	◗	❍	❍	◗	◗	❍	❍	❍

Bicycle/Pedestrian

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	Acton & Maynard	***Assabet Rail Trail***	Construct the Acton and Maynard sections of the Assabet Rail Trail from Main Street in South Acton to the Maynard/Stow border.	Expansion	$4,390,000			#1	MAGIC High Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Acton, Carlisle, Concord & Sudbury	***Bruce Freeman Memorial Bicycle Path***	Design and construct Bruce Freeman Trail Phase 2 from Westford to South Sudbury along the Lowell secondary track right-of-way owned by the Commonwealth of Massachusetts	Expansion	$4,400,000			#4	MAGIC High Priority	●	●	◗	●	◗	❍	◗	◗	◗	◗
600811	***Belmont, Cambridge & Somerville***	***Alewife Station Bicycle Facility***	Construction of a bicycle path from Somerville to Belmont. The project starts at the end of the Somerville Bicycle Path, continues through Davis Square, and follows Linear Park to Alewife Station in Cambridge where it will connect with Minuteman Path.	Expansion	$1,200,000	75%		#1	Inner Core Priority	●	●	●	●	●	◗	◗	◗	●	●
	Beverly	Beverly Bikeway	Design and construct an 11-mile pedestrian and bicycle facility from the Veterans' Memorial Bridge to the Wenham/Manchester town lines.	Expansion	$246,000			#4		◗	●	◗	◗	●	❍	◗	◗	◗	◗
602514	Beverly & Salem	Route 1A Bridge and Walkway on Bevery Harborfront	Make improvements to the Old Route 1A Bridge in Salem and construct a walkway on the Beverly Harbor front.	Improvement	$1,000,000	Pre-25%													
005625	Boston	Dorchester Bicycle Facility	Construct a bicycle facility from Victory Road Park to Tenean Beach/Southeast Expressway.	Expansion	$100,000	Pre-25%				◗	◗	◗	◗	◗	◗	◗	❍	◗	◗
	Boston	Linking the Corridors	Reconstruct paved bicycle/jogging paths in Back Bay Fens Park and provide separate pedestrian paths. Also, connect Back Bay Fens Park and Southwest Corridor Park, improve bicycle and pedestrian safety along Forsyth Street, and create public spaces.	Expansion	$1,000,000			#1		◗	◗	●	◗	●	◗	◗	◗	●	◗
	Boston	***South Bay Harbor Trail***	Design and construction of the South Bay Harbor Trail from Ruggles Station to Boston Harbor in South Boston along the Fort Point Channel	Expansion	$3,850,000			#1		◗	●	●	●	●	◗	◗	●	●	●
	Cambridge	Fitchburg Rail Line Crossing	Construct a bicycle and pedestrian crossing over the Fitchburg Rail Line.	Expansion	$5,000,000						❍	◗	❍		◗	◗	❍	◗	❍
602977	Cohasset	Pedestrian Facility	Construct a walkway on the south side of South Main Street from Robert E. Jason Lane to Elm Street.	Improvement	$215,000	25%		#1		❍	◗	◗	❍	◗	❍	◗	❍	❍	❍
602929	***Holliston***	***Upper Charles Trail***	Construct a 2-mile bicycle/pedestrian trail along an abandoned rail line from west of Hopping Brook Road to Cross Street. This project is one section of the Upper Charles Rail Trail.	Expansion	$613,000	75%			SWAP Priority	◗	◗	◗	◗	◗	❍	◗	◗	◗	◗
	Hopkinton	Grove Street	Add a bike lane along Grove Street.	Expansion						◗	❍	◗	❍	◗	❍	◗	❍	❍	❍
601603	Hull	Pemberton Pier	Plan, design, and construct bicycle and pedestrian improvements in the area of Pemberton Pier. Also, relocate utilities and improve the aesthetics of the area.	Improvement	$629,000					◗	❍	◗	❍	◗			❍	❍	❍

Bicycle/Pedestrian

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ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation: Condition	Transportation: Safety	Transportation: Mobility	Transportation: Transportation	Other: Community	Other: Land Use	Other: Econ. Dev.	Other: Environment	Other: Other	Overall
	Lynn, Malden, Revere & Saugus	Bike to the Sea, Phase 2	Plan and design 8.4 miles of a 10 mile, five community bicycle facility.	Expansion	$690,000				Inner Core Priority	◗	◗	◗	◗	●	❍	●	❍	◗	◗
	Milford	***Upper Charles Trail, Phase 2***	Construct the second phase of the Upper Charles Trail.	Expansion	$3,000,000			#1	SWAP Priority	◗	●	●	●	◗	❍	◗	◗	◗	◗
602341	Peabody	Bikeway & Greenway	Construct a bike trail from West Peabody to downtown; the project includes the removal of abandoned railroad tracks, grading and paving an 8-foot wide hard-surfaced bikeway, landscaping; signage, and the installation of park benches.	Expansion	$1,363,766	25%		#1	North Shore Priority	◗	●	◗	◗	◗	❍	◗	◗	◗	◗
	Peabody	Riverwalk	Construct a one-mile linear park along the banks of Goldwaithe Brook and the North River through Peabody Square, with links to the George Peabody House, the Peabody Institute, Emerson Park, Harmony Grove Cemetery, downtown, and the City of Salem.	Expansion	$1,574,000			#3		◗	◗	●	◗	◗	◗	●	●	●	●
	Salem	Salem Trail, Phase 1	Construct 2 miles of a bicycle and pedestrian trail.	Expansion	$491,472			#5		◗	◗	◗	◗	◗	❍	◗	❍	❍	◗
	Salem	Salem Trail, Phase 2	Design and construct sections 2 and 3 of Salem's multi-use trail system. Section 2 runs from Harmony Grove Road to Flint Street. Section 3 runs from Webb Street to Fort avenue and along Fort Avenue to Salem Willows Amusement Park.	Expansion	$355,370			#6		◗	◗	◗	◗	◗	❍	◗	❍	❍	◗
	Somerville	***Somerville Community Path Phase I***	Construction of Phase I of the Somerville Community Path from Cedar Street to Central Street. The Somerville Community Path is a proposed 2 mile multi-use path that will connect the Minuteman Commuter Bikeway to the Paul Dudley White Paths along the Charles River.	Expansion	$500,000				Inner Core Priority	◗	●	◗	◗	●	◗	◗	◗	●	◗
	Stoneham, Winchester, and Woburn	***Tri-Community Bikeway (Construction)***	Construct a 5.7 mile bicycle facility in Stoneham, Winchester, and Woburn.	Expansion	$4,400,000			#1	North Suburban Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Stoneham, Woburn & Winchester	***Tri-Community Bikeway (Design)***	Design a 5.7 mile bicycle facility in Stoneham, Winchester, and Woburn.	Expansion	$600,000			#1	North Suburban Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
	Waltham	Waltham Wayside Trail	Acquire three miles of MBTA surplus MassCentral right-of-way for the Waltham Wayside Trail.	Expansion	$3,000,000			#1			◗	◗	◗	◗			◗	◗	◗

Bicycle/Pedestrian

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ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					Overall
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Watertown	Minuteman Path Right-of-Way	Acquire Watertown branch of right-of-way to connect Minuteman Path from Arlington, Cambridge, and Watertown to Dr. Paul Dudley White Bike Path in Boston.	Expansion				#3		❍	❍	◗	❍	❍	◗	◗	❍	❍	❍

Enhancement

KEY: ● = High ◗ = Medium ❍ = Low

ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					Overall
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
603949	***Bedford***	***Depot Park Freight House***	Restore a historic freight house and provide public restrooms at the newly constructed Depot Park. This project consist of interior and exterior rehabilitation of the old Freight House, along with an addition for public restrooms.	Expansion	$350,353	25%		#2	MAGIC High Priority	◗		◗	◗	❍	◗	◗	●	◗	◗
	Beverly & Salem	***Intermodal Facilities***	Cities of Beverly and Salem Intermodal	Improvement	$1,100,000										❍	●	●	◗	
	Boston	***Harbor Islands National Park Access***	Make universal access improvements to the Boston Harbor Islands National Park area	Improvement	$2,250,000														
	Boston	***Huntington Avenue***	Streetscape and art elements in the Huntington Avenue Corridor.	Improvement	$4,000,000			#1		◗	◗	❍	◗	◗			◗	◗	❍
	Boston	***Long Island Pier***	Construct an ADA accessible pier on Long Island to provide public access by water transportation to the Parade Ground and Long Island Head sections of the island.	Expansion	$240,000						❍	❍	❍					◗	◗	
	Boston	***Long Island Pier Reconstruction***	Reconstruct the Harbor Islands National Recreation Area Long Island Pier	Improvement	$300,000													●	●	
	Cambridge	Cambridge Common	Reconstruct the bicycle and pedestrian paths in Cambridge Common, provide landscaping enhancements, and preserve historic structures.	Improvement	$500,000			#2		◗	●	◗	◗	◗	◗	◗	◗	◗	◗
	Cambridge	***Lechmere Station Relocation***	Lechmere Station Relocation and Intermodal Expansion	Improvement	$1,000,000					◗		●	◗	◗			●	◗	●
	Newton	***Commonwealth Avenue, Phase 3***	Install historic lighting and provide landscaping along Commonwealth Avenue from the Boston city line to 100 feet west of Grant Avenue.	Improvement	$779,405	Pre-25%		#1		◗	◗	◗	◗	◗	❍	◗	◗	❍	◗
	Revere	***Intermodal Transit Improvements***	Fund the planning, design, and construction of garage and other transit-related infrastructure improvements in the City of Revere.	Expansion	$2,200,000							●	●					●	●	
	Somerville	Magoun Square	Enlarge and make safety and aesthetic improvements to the pedestrian areas of Magoun Square located at the intersection of Broadway and Medford Streets. This construction work also includes enhanced streetscape elements and landscaping.	Improvement	$391,750	Pre-25%			Inner Core Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗
602940	***Somerville***	***Somerville Avenue Streetscape***	Install visual enhancements along the south side of Somerville Avenue from the Cambridge City Line to the School Street.	Improvement	$502,776	75%		#2	Inner Core Priority	◗	◗	◗	◗	◗	◗	◗	◗	◗	◗

Regional Mobility

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ID	Municipality	Project	Description	Type	Estimated Cost	Design Status	Congestion Management System	Community Priority	Subregion Priority	Transportation				Other					Overall
										Condition	Safety	Mobility	Transportation	Community	Land Use	Econ. Dev.	Environment	Other	
	Boston	***Regional Intelligent Transportation Systems***	Advance regional ITS architecture by connecting the City of Boston's Traffic Management Center with one or more of the various state traffic management centers. Additionally, the traffic monitoring and management capabilities of the Boston TMC will be enhanced by a combination of expansions to the City's fiber optics network and the addition of video monitoring cameras.	Improvement	$1,250,000					●	●	●	●	◗			◗	◗	●
600226	Peabody	Downtown Parking	Construct 79 replacement parking spaces in the downtown area.	Improvement	$1,000,000	Pre-25%		#1		◗	◗	◗	◗	◗	◗	●	◗	◗	◗
	Rockport	Visitors Center	Construct a Visitors Center at the police station lot on Upper Main Street (Route 127).	Expansion	$100,000					❍	◗	◗	◗	●			◗	●	◗
602964	Woburn	Magazine Hill Park & Ride Facility	Construct a park and ride facility at Magazine Hill in Woburn Square, bordered by Main Street, Manns Court, and the Historic First Burial Ground.	Improvement	$1,350,000	25%		#3	North Suburban Priority	◗	◗	◗	◗	◗	❍	◗	●	◗	◗

Transit Expansion

Rapid Transit Projects

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost-Effectiveness	Air Quality	Service Quality	Economic/Land Use	Environmental Justice	Total
Blue-Red Connector	Line Extension	◗	◗	●	◗	◗	●	◗	◗
Convert Dudley-Boylston section of Silver Line to light rail	Line Extension	❍	❍	❍	❍	◗	●	●	❍
Extend Blue Line from Bowdoin to West Medford	Line Extension	◗	◗	◗	◗	◗	●	●	◗
Extend Blue Line from Lynn to Salem	Line Extension	●	◗	◗	●	❍	◗	◗	◗
Extend Blue Line from Wonderland to Lynn	Line Extension	●	◗	◗	●	◗	●	●	●
Green Line to West Medford	Line Extension	◗	◗	◗	◗	◗	◗	●	◗
New Green Line Needham Branch	Line Extension	❍	❍	❍	❍	◗	❍	❍	❍
Orange Line North Extension From Oak Grove to Reading/Route 128	Line Extension	◗	❍	❍	◗	❍	❍	❍	❍
Orange Line South Extension From Forest Hills to Route 128 Via Hyde Park	Line Extension	❍	❍	❍	◗	◗	◗	◗	❍
Orange Line South Extension From Forest Hills to West Roxbury/Needham	Line Extension	❍	❍	❍	❍	❍	❍	◗	❍
Red Line extension to Weymouth	Line Extension	◗	❍	❍	◗	❍	●	❍	❍
Red Line Northwest Extension from Alewife to Route 128	Line Extension	❍	❍	❍	◗	◗	❍	❍	❍
Restore Green Line service between Heath Street and Arborway	Line Extension	❍	❍	◗	❍	●	●	◗	◗
Silver Line East Extension to City Point	Line Extension	❍	❍	●	◗	◗	●	❍	◗
Silver Line Phase III: South Station-Boylston Connector	Line Extension	●	●	◗	◗	◗	●	●	●
Silver Line South Extension to Ashmont and Mattapan	Line Extension	◗	◗	●	◗	●	●	●	●
Silver Line West Extensions to Allston and Longwood Medical Area	Line Extension	●	◗	◗	◗	◗	●	◗	◗
Urban Ring Phase II	Line Extension	●	●	●	●	●	●	●	●
Urban Ring Phase III	Line Extension	●	●	●	●	●	●	●	●
Construct Orange Line station at Assembly Square	New Station	❍	❍	●	◗	❍	●	◗	◗
Wonderland Connector	New Station	❍	❍	◗	◗	❍	●	❍	❍

Transit Expansion

Commuter Rail Projects

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● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost-Effectiveness	Air Quality	Service Quality	Economic/Land Use	Environmental Justice	Total
Build commuter rail spur from Framingham to Leominster via Northborough and Marlborough	Line Extension	●	●	❍	❍	❍	●	◗	◗
Build commuter rail spur from Salem to Danvers	Line Extension	◗	●	◗	◗	❍	❍	◗	●
Commuter Rail branch from existing Old Colony lines to Greenbush	New Line	●	●	◗	◗	❍	❍	❍	●
Commuter Rail to Millis	Line Extension	●	●	◗	◗	❍	❍	❍	◗
Commuter Rail to New Bedford/Fall River	Line Extension	●	●	◗	◗	❍	◗	◗	●
Extend commuter rail from Providence to T.F. Green (RI)	Line Extension	◗	●	◗	◗	◗	❍	❍	◗
Extend commuter rail service from Fitchburg to Gardner	Line Extension	❍	●	❍	❍	❍	●	◗	◗
Extend commuter rail service from Forge Park to Milford	Line Extension	◗	●	◗	◗	❍	❍	◗	◗
Extend commuter rail service from Haverhill to Plaistow, NH	Line Extension	●	❍	●	●	❍	❍	❍	◗
Extend commuter rail service from Lowell to Nashua with stop at North Chelmsford (NH)	Line Extension	●	●	◗	●	❍	❍	❍	◗
Extend commuter rail service from Middleborough to Wareham	Line Extension	◗	●	❍	◗	❍	◗	❍	◗
Extend passenger rail service from Wareham to Hyannis	Line Extension	◗	❍	❍	●	❍	❍	❍	❍
North-South Rail Link	Line Extension	●	◗	◗	◗	◗	●	◗	●
Operate full-time service to Foxboro Station	Line Extension	❍	◗	❍	◗	❍	❍	❍	❍
Operate high-frequency Riverside – South Station commuter rail service	Line Extension	❍	❍	❍	❍	❍	◗	❍	❍
Operate high-frequency Riverside – JFK/Umass commuter rail service	Line Extension	◗	❍	❍	❍	❍	◗	◗	❍
Operate high-frequency Readville – Allston Landing commuter rail service	Line Extension	❍	◗	❍	❍	❍	●	●	◗
Add a station at Millbury on the Framingham/Worcester commuter rail line	New Station	❍	◗	●	◗	❍	●	❍	◗
Add a station at South Salem on the Rockport/Newburyport commuter rail line	New Station	❍	◗	●	●	❍	◗	◗	◗
Build a new Allston/Brighton commuter rail station	New Station	❍	◗	◗	◗	❍	●	●	◗
Build a new commuter rail station on the Fitchburg Line at Union Square, Somerville	New Station	❍	◗	●	◗	❍	●	●	●

Transit Expansion

Commuter Rail Projects (continued)

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost-Effectiveness	Air Quality	Service Quality	Economic/Land Use	Environmental Justice	Total
Build a regional commuter rail station along Route 2 west of I-495.	New Station	❍	❍	❍	◗	❍	❍	❍	❍
Build a regional commuter rail station on I-495 in Metrowest Area	New Station	◗	❍	◗	●	❍	❍	❍	◗
Connect Fitchburg commuter rail line with Red Line at Alewife	New Station	❍	❍	◗	◗	◗	●	❍	◗
Fairmount Line Improvements	New Station	◗	●	◗	❍	●	●	●	●
New commuter rail station at Riverside	New Station	❍	❍	●	◗	◗	❍	❍	◗

Boat Projects

Description	Type	Utilization	Mobility	Cost-Effectiveness	Air Quality	Service Quality	Economic/Land Use	Environmental Justice	Total
Ferry Expansion–Russia Wharf/South Station	Line Extension/ New Line	◗	◗	●	❍	◗	●	❍	●
High-Speed Ferry Service From the North Shore to Boston and the Airport	Line Extension/ New Line	◗	❍	❍	❍	❍	◗	◗	❍
Restore East Boston ferry	Line Extension/ New Line	❍	❍	◗	❍	❍	●	●	◗
Improved Ferry Service From South Shore Communities (Quincy, Hingham and Hull) to Boston.	Frequency Improvement	●	◗	◗	❍	❍	❍	◗	◗

Transit Expansion

Bus/Trackless Trolley Projects

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost-Effectiveness	Air Quality	Service Quality	Environmental Justice	Total
Build new busways to Alewife Station	Line Extension/ New Line	❍	❍	●	●	◗	❍	◗
Extend Trackless Trolley #71 from Watertown to Newton Corner	Line Extension/ New Line	❍	❍	●	◗	❍	❍	❍
Route 128 Circumferential Bus Service	Line Extension/ New Line	◗	●	❍	❍	❍	❍	❍
Suburban Commuter Rail Feeder Bus Services	Line Extension/ New Line	◗	●	◗	◗	●	●	●
Urban Ring Phase I	Line Extension/ New Line	●	◗	❍	❍	●	●	●

Transit Service Enhancement

Rapid Transit Projects

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost Effectiveness	Air Quality	Service Quality	Environmental Justice	Total
Operate 4-car trains on Green Line	Facility Improvement	◗	❍	❍	❍	❍	◗	❍
Operate 8-car trains on Orange Line	Facility Improvement	◗	❍	◗	◗	❍	●	◗
Operate 8-car trains on Red Line	Facility Improvement	◗	❍	◗	◗	❍	◗	◗
Signal and Train Control Improvements on Blue Line	Facility Improvement	●	❍	●	●	◗	◗	●
Signal and Train Control Improvements on Green Line	Facility Improvement	❍	❍	❍	❍	◗	❍	❍
Signal and Train Control Improvements on Red Line	Facility Improvement	●	❍	◗	●	◗	❍	●
Signal and Train Control Improvements on Orange Line	Facility Improvement	●	❍	●	●	◗	◗	●
Commonwealth Flats Silver Line Grade Separation	Travel Time Improvement	❍	❍	❍	❍	❍	◗	❍
Preemptive signals on Beacon, Commonwealth, and Huntington	Travel Time Improvement	❍	❍	●	◗	❍	◗	◗

Transit Service Enhancement

Commuter Rail Projects

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost Effectiveness	Air Quality	Service Quality	Environmental Justice	Total
Add bike racks to coaches	Facility Improvement	N/A	❍	N/A	N/A	◗	❍	❍
Expand the waiting area at North Station	Facility Improvement	N/A	❍	N/A	N/A	◗	❍	❍
Improve pedestrian access to Anderson RTC from western side of tracks	Facility Improvement	❍	◗	●	◗	◗	❍	◗
Install welded rail along sections of Haverhill, Lowell, and Fitchburg lines where it is not presently in place	Facility Improvement	N/A	❍	N/A	N/A	◗	◗	◗
Upgrade station signage for commuter rail systemwide	Facility Improvement	N/A	❍	N/A	N/A	◗	◗	◗
Increase speed and frequency of Needham service	Freq/Trav. Time Improv.	◗	❍	❍	❍	❍	❍	❍
Build new layover facility in Bellingham for the Franklin Line	Frequency Improvement	N/A	❍	N/A	N/A	❍	❍	❍
Expand Reverse Commuting Options	Frequency Improvement	●	●	◗	◗	◗	◗	●
Install a fourth track on the Fort Point Channel Bridge	Frequency Improvement	N/A	❍	N/A	N/A	◗	●	◗
Install double-tracking on entire commuter rail system	Frequency Improvement	N/A	❍	N/A	N/A	◗	◗	◗
Install platforms on both sides of tracks at stations in Newton so that reverse commuting trips may make more stops.	Frequency Improvement	❍	❍	❍	◗	❍	❍	❍
Operate a Yawkey–Back Bay–South Station shuttle	Frequency Improvement	◗	◗	◗	◗	◗	●	●
Operate more frequent service between Framingham and Worcester	Frequency Improvement	◗	◗	●	◗	❍	●	●
Purchase diesel multiple unit trains to allow for increased frequency on commuter rail lines	Frequency Improvement	◗	●	❍	❍	❍	◗	❍
Construct high platforms at all Providence Line stations not so equipped and expand to other lines at a later date	Travel Time Improvement	N/A	❍	N/A	N/A	❍	❍	❍
Electrify all commuter rail lines	Travel Time Improvement	◗	❍	❍	●	❍	❍	❍
Operate express service from outer stations	Travel Time Improvement	●	❍	●	◗	❍	❍	◗

Transit Service Enhancement

Bus/Trackless Trolley Projects

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost Effectiveness	Air Quality	Service Quality	Environmental Justice	Total
Install automatic passenger counters on buses	Facility Improvement	N/A	❍	N/A	N/A	❍	❍	❍
Install 300 shelters	Facility Improvement	N/A	❍	N/A	N/A	◗	●	●
Add exclusive lanes and priority signals along the top ten highest ridership bus routes.	Travel Time Improvement	◗	❍	❍	◗	◗	●	◗
Install Intelligent Transportation System (ITS) systems for bus fleet	Travel Time Improvement	N/A	❍	N/A	N/A	●	◗	●
Purchase 100 new buses	Frequency Improvement	●	❍	◗	❍	❍	●	◗

Systemwide Projects

KEY:
● = High
◗ = Medium
❍ = Low

Description	Type	Utilization	Mobility	Cost Effectiveness	Air Quality	Service Quality	Environmental Justice	Total
Add bike racks to coaches	Access Improvement	N/A	❍	N/A	N/A	◗	❍	❍
Add more motorcycle parking spaces systemwide	Access Improvement	N/A	❍	N/A	N/A	❍	◗	❍
Improve pedestrian access to all rapid transit and commuter rail stations	Access Improvement	N/A	❍	N/A	N/A	●	●	●
Improve pedestrian access to Anderson RTC from western side of tracks	Access Improvement	❍	◗	●	◗	●	◗	◗
Install bike racks at rapid transit and commuter rail stations	Access Improvement	N/A	❍	N/A	N/A	◗	●	◗
Install more enclosed waiting areas along MBTA lines	Access Improvement	N/A	❍	N/A	N/A	●	◗	◗

Transit Accessibility Enhancement

Station	Service	Inbound Ridership	In Process	Ridership	Rail Transfers	Interconnectivity	Terminal Locations	Major Centers	Overall
Arlington	***Green***		●						●
Ashmont	***Red-M***		●						●
Babcock St.	Green-B	1761		●				●	●
Blanford St.	Green-B	2096		●				●	●
Boylston	***Green***	5934		●				●	●
Brighton Ave	Green-B	1571		●		❍			●
Brookline Hills	Green-D	2097		●				●	●
BU West	Green-B	899		◗				●	●
Charles	***Red***		●						●
Chelsea	Commuter Rail	257		❍		❍		●	●
Copley	***Green***		●						●
Fairmount	***Commuter Rail***		●						●
Fields Corner	Red		●						●
Franklin	Commuter Rail	1311		●		❍		●	●
Government Center	***Green/Blue***		●						●
Hynes ICA	Green	8579		●		◗		●	●
Kenmore	***Green***		●						●
Longwood	Green-D	2536		●				●	●
Malden	***Commuter Rail***		●						●
Malden	***Orange***		●						●
Mattapan	Red-M		●						●
Maverick	Blue		●						●
Newton Highlands	Green-D	1257		●		❍			●
Pleasant St.	Green-B	1014		●				●	●
Rockport	Commuter Rail	215		❍		❍	●		●
St. Paul St.	Green-B	814		◗				●	●
Savin Hill	Red		●						●
Science Park	Green	1360		●				●	●

Transit Accessibility Enhancement

Station	Service	Inbound Ridership	In Process	Ridership	Rail Transfers	Interconnectivity	Terminal Locations	Major Centers	Overall
Shawmut	Red		●						●
State	**Blue**		●						●
Symphony	Green	1065		●				●	●
Waltham	Commuter Rail	521		◗		◗			●
Wollaston	Red	4269		●		❍			●
Woodland	Green-D	1044		●		❍		●	●
Allston St.	Green-B	1115		●					◗
Auburndale	**Commuter Rail**	376		❍		❍			◗
Back of the Hill	Green-E	86						●	◗
Beaconsfield	Green-D	896		◗					◗
Belmont	Commuter Rail	131		❍		❍			◗
Central Ave.	Red-M	598		◗		❍			◗
Chestnut Hill	Green-D	1035		●					◗
Chestnut Hill Ave	Green-B	861		◗					◗
Chiswick Rd.	Green-B	735		◗					◗
Eliot	Green-D	595		◗					◗
Englewood Ave	Green-C	585		◗					◗
Fairbanks	Green-C	500		◗					◗
Fordham Rd.	Green-B	921		◗					◗
Griggs St.	Green-B	1260		●					◗
Kent St	Green-C	510		◗					◗
Melrose Highlands	Commuter Rail	402		❍		❍			◗
Milton	Red-M	311		❍		❍			◗
Morton st.	Commuter Rail	248		❍		❍			◗
Natick	Commuter Rail	960		◗		❍			◗
Newtonville	Commuter Rail	574		◗		❍			◗
Riverway	Green-E	664		◗		❍			◗
Sharon	Commuter Rail	1088		●					◗

Transit Accessibility Enhancement

Station	Service	Inbound Ridership	In Process	Ridership	Rail Transfers	Interconnectivity	Terminal Locations	Major Centers	Overall
St. Paul Street	Green-C	886		◗					◗
Summit Ave	Green-B	583		◗					◗
Sutherland St.	Green-B	923		◗					◗
Tappan St.	Green-C	1020		●					◗
Uphams Corner	Commuter Rail	148		❍		❍			◗
Wakefield	Commuter Rail	679		◗		❍			◗
Walpole	Commuter Rail	865		◗		❍			◗
Warren St.	Green-B	1629		●					◗
Waverly	Commuter Rail	127		❍		❍			◗
Wellesley Farms	Commuter Rail	535		◗					◗
Wellesley Hills	Commuter Rail	520		◗					◗
Wellesley Sq	Commuter Rail	790		◗					◗
West Medford	Commuter Rail	309		❍		❍			◗
West Newton	Commuter Rail	401		❍		❍			◗
Winchester	Commuter Rail	628		◗		❍			◗
Winchester St.	Green-C	921		◗					◗
Windsor Gardens	Commuter Rail	552		◗					◗
Ayer	Commuter Rail	228		❍					❍
Brandon Hall	Green-C	360		❍					❍
Butler	Red-M	134		❍					❍
Cedar Grove	Red-M	110		❍					❍
Concord	Commuter Rail	439		❍					❍
Dean Rd.	Green-C	316		❍					❍
Endicott	Commuter Rail	281		❍					❍
Fenwood St.	Green-E	343		❍					❍
Greenwood	Commuter Rail	214		❍					❍
Greycliff Rd.	Green-B	109		❍					❍
Hawes St.	Green-C	426		❍					❍

Transit Accessibility Enhancement

Station	Service	Inbound Ridership	In Process	Ridership	Rail Transfers	Interconnectivity	Terminal Locations	Major Centers	Overall
Islington	Commuter Rail	226		❍					❍
Kendal Green	Commuter Rail	106		❍					❍
Lincoln	Commuter Rail	284		❍					❍
Littleton/495	Commuter Rail	146		❍					❍
Melrose Cedar Park	Commuter Rail	285		❍					❍
Mount Hood Rd.	Green-B	282		❍					❍
North Leominster	Commuter Rail	208		❍					❍
North Wilmington	Commuter Rail	180		❍					❍
Parker Hill	Green-E	462		❍					❍
Shirley	Commuter Rail	151		❍					❍
South Acton	Commuter Rail	466		❍					❍
South St.	Green-B	237		❍					❍
Waban	Green-D	427		❍					❍
Wedgmere	Commuter Rail	324		❍					❍
Wyoming Hill	Commuter Rail	196		❍					❍

Transit Parking Enhancement

Station	Service	Customer Access	Land/Air Rights	Projected Demand	Potential Utilitization	Cost Per Parking Space	Environmnt'l Status	Ease of Construction	Community Support	Funding Availability	Overall
Beverly Depot	**Commuter Rail**	●	●	●	◗	◗	◗	●	●	◗	●
Bridgewater	Commuter Rail	◗	●	●	●	●	●	◗	●	◗	●
Fitchburg	Commuter Rail	◗	●	❍	●	●	◗	◗	●	●	●
Forge Park	Commuter Rail	◗	●	●	●	◗	●	◗	◗	◗	●
Franklin	Commuter Rail	❍	●	◗	●	●	●	◗	●	◗	●
Kingston	Commuter Rail	◗	●	●	●	●	●	◗	◗	◗	●
Lawrence	**Commuter Rail**	◗	●	◗	●	◗	◗	●	●	●	●
Natick	Commuter Rail	◗	●	◗	●	●	◗	●	●	◗	●
North Quincy	Red-B	◗	●	●	❍	●	●	◗	●	◗	●
Quincy Adams	Red-B	●	●	●	●	●	●	◗	◗	◗	●
Salem	**Commuter Rail**	●	●	●	●	◗	◗	●	●	●	●
South Attleboro	Commuter Rail	●	●	●	●	◗	●	◗	●	●	●
Whitman	Commuter Rail	●	●	◗	●	●	◗	●	●	◗	●
Woodland	Green-D	◗	●	●	❍	◗	●	●	●	●	●
Abington	Commuter Rail	◗	❍	●	●	❍	●	●	◗	◗	◗
Attleboro	Commuter Rail	◗	●	●	●	❍	❍	❍	●	●	◗
Devens-Shirley	Commuter Rail	◗	◗	◗	●	●	◗	◗	❍	●	◗
Gloucester	Commuter Rail	◗	●	❍	●	❍	◗	◗	●	●	◗
Hingham	Boat	◗	◗	●	●	●	◗	◗	◗	◗	◗
Littleton	Commuter Rail	●	●	◗	◗	◗	●	◗	◗	◗	◗
Mansfield	Commuter Rail	◗	●	●	❍	❍	◗	◗	●	●	◗
Milton	Red-M	◗	◗	❍	◗	◗	●	●	●	●	◗
Norfolk	Commuter Rail	❍	●	●	●	●	●	◗	❍	◗	◗
North Leominster	Commuter Rail	◗	●	❍	◗	◗	◗	◗	●	●	◗
Rockport	Commuter Rail	◗	●	❍	●	❍	◗	◗	●	◗	◗
South Weymouth	Commuter Rail	◗	❍	●	●	◗	◗	●	◗	◗	◗
Walpole	Commuter Rail	◗	◗	●	●	❍	❍	◗	●	◗	◗
Alewife	Red										❍

Transit Parking Enhancement

Station	Service	Customer Access	Land/Air Rights	Projected Demand	Potential Utilitization	Cost Per Parking Space	Environmnt'l Status	Ease of Construction	Community Support	Funding Availability	Overall
Anderson RTC	Commuter Rail										❍
Andover	Commuter Rail										❍
Ashland	Commuter Rail										❍
Auburndale	Commuter Rail										❍
Ayer	Commuter Rail	◗	❍	◗	❍	◗	❍	❍	●	❍	❍
Ballardvale	Commuter Rail										❍
Brockton	Commuter Rail										❍
Campello	Commuter Rail										❍
Canton Junction	Commuter Rail										❍
Dedham Corp. Ctr	Commuter Rail										❍
Forest Hills	Commuter Rail										❍
Framingham	Commuter Rail										❍
Grafton	Commuter Rail										❍
Halifax	Commuter Rail										❍
Hamilton/ Wenham	Commuter Rail										❍
Hanson	Commuter Rail										
Haverhill	Commuter Rail										❍
Holbrook/ Randolph	Commuter Rail										❍
Hyde Park	Commuter Rail	❍	❍	◗	●	❍	❍	◗	❍	❍	❍
Kendal Green	Commuter Rail										❍
Lincoln	Commuter Rail	◗	●	◗	❍	◗	❍	◗	◗	◗	❍
Lowell	Commuter Rail										❍
Malden Center	Commuter Rail										❍
Malden Center	Orange										❍
Middleborough/ Lakev	Commuter Rail										❍
Montello	Commuter Rail										❍
Needham Hghts.	Commuter Rail										❍
Needham Junct.	Commuter Rail										❍

Transit Parking Enhancement

Station	Service	Customer Access	Land/Air Rights	Projected Demand	Potential Utilitization	Cost Per Parking Space	Environmnt'l Status	Ease of Construction	Community Support	Funding Availability	Overall
Newburyport	Commuter Rail										❍
North Billerica	Commuter Rail										❍
Norwood Ctr.	Commuter Rail										❍
Norwood Depot	Commuter Rail										❍
Readville	Commuter Rail										❍
Route 128	Commuter Rail										❍
Rowley	Commuter Rail										❍
Sharon	Commuter Rail										❍
South Acton	Commuter Rail										❍
Southborough	Commuter Rail										❍
Stoughton	Commuter Rail										❍
Wellesley Sq	Commuter Rail										❍
Wellington	Orange										❍
West Medford	Commuter Rail	❍	◗	◗	❍	◗	◗	❍	●	◗	❍
West Natick	Commuter Rail										❍
Westborough	Commuter Rail										❍
Wilmington	Commuter Rail										❍
Winchester	Commuter Rail	❍	●	◗	●	◗	◗	❍	❍	◗	❍
Wollaston	Red-B										❍
Woodland	Green-D										❍
Worcester	Commuter Rail										❍

Transit State of Good Repair

According the the MBTA's Program for Mass Transportation, over the course of the next twenty years with unlimited budget authority, the MBTA would need to spend more than $15.5 billion in current dollars to bring the system into a state of ideal repair. The following table breaks this down inot the cost of the high, medium, and low priority system preservation tasks.

Revenue Vehicles	High-Priority	Medium Priority	Low Priority	Total
Access (THE RIDE)	$3,866,561	$12,779,258	$6,389,629	$23,035,448
Bus	$341,980,697	$708,308,657	$169,276,761	$1,219,566,115
Silver Line	$0	$70,520,560	$86,360,000	$156,880,560
Commuter Rail	$310,566,960	$1,428,601,680	$304,094,340	$2,043,262,980
Ferry	$158,400	$633,600	$3,294,720	$4,086,720
Blue Line	$288,320,560	$46,394,480	$0	$334,715,040
Green Line	$102,643,000	$34,353,000	$12,870,000	$149,866,000
Orange Line	$7,460,640	$534,900,960	$34,650,000	$577,011,600
Red Line	$10,791,000	$262,548,000	$234,927,000	$508,266,000
Revenue Vehicles Subtotal	$1,065,787,818	$3,099,040,195	$851,862,450	$5,016,690,463

Non-Revenue Equipment				
Non-Revenue Equipment	$39,817,699	$62,194,136	$44,027,475	$146,039,310

Track				
Commuter Rail	$88,409,465	$1,018,975,938	$466,420,515	$1,573,805,918
Heavy Rail/Light Rail	$68,475,514	$273,908,154	$136,954,077	$479,337,745
Track Subtotal	$156,884,979	$1,292,884,092	$603,374,592	$2,053,143,663

Signals				
Commuter Rail	$209,579,040	$531,043,920	$201,920,400	$942,543,360
Heavy Rail/Light Rail	$386,867,942	$475,786,008	$234,725,661	$1,097,379,611
Signals Subtotal	$596,446,982	$1,006,829,928	$436,646,061	$2,039,922,971

Communitcations				
Commuter Rail	$11,919,051	$31,497,499	$7,600,172	$51,016,722
Heavy Rail/Light Rail	$2,324,100	$25,831,800	$1,874,520	$30,030,420
Systemwide	$27,218,640	$26,875,740	$3,429,000	$57,523,380
Communications Subtotal	$41,461,791	$84,205,039	$12,903,692	$138,570,522

Transit State of Good Repair

Power

	High-Priority	Medium Priority	Low Priority	Total
Commuter Rail	$79,672,483	$72,492,477	$27,798,716	$179,963,676
Heavy Rail/Light Rail/ Trackless Trolley	$57,269,634	$180,261,310	$276,241,612	$513,772,556
Systemwide	$0	$2,560,320	$9,732,264	$12,292,584
Power Subtotal	$136,942,117	$255,314,107	$313,772,592	$706,028,816

Yard and Shop

Bus	$45,031,989	$117,916,108	$85,045,749	$247,993,846
Commuter Rail	$1,383,069	$9,379,157	$13,388,396	$24,150,622
Heavy Rail/Light Rail	$21,760,426	$29,436,039	$96,809,558	$148,006,023
Systemwide	$52,901,531	$39,428,667	$176,524,841	$268,855,039
Yard and Shop Subtotal	$121,077,015	$196,159,971	$371,768,544	$689,005,530

Stations

Boats	$0	$694,944	$1,085,088	$1,780,032
Commuter Rail	$56,422,004	$18,503,968	$43,372,561	$118,298,533
Heavy Rail/Light Rail	$77,655,633	$183,418,699	$151,644,543	$412,718,875
Stations Subtotal	$134,077,637	$202,617,611	$196,102,192	$532,797,440

Facilities

Bus	$970,184	$2,815,021	$528,888	$4,314,093
Commuter Rail	$0	$28,512,000	$29,462,400	$57,974,400
Heavy Rail/Light Rail	$3,142,101	$35,973,397	$18,043,259	$57,158,757
Systemwide	$4,894,372	$8,342,373	$7,234,446	$20,471,191
Facilities Subtotal	$9,006,657	$75,642,791	$55,268,993	$139,918,441

Elevators and Escalators

Bus	$0	$0	$401,637	$401,637
Commuter Rail	$0	$0	$401,637	$401,637
Heavy Rail/Light Rail	$47,068,263	$51,241,643	$21,852,731	$120,162,637
Systemwide	$0	$8,032,750	$0	$8,032,750
Elevators and Escalators Subtotal	$47,068,263	$59,274,393	$22,656,005	$128,998,661

Parking

Commuter Rail	$0	$22,735,460	$7,151,507	$29,886,967
Heavy Rail/Light Rail	$2,389,178	$166,713,442	$23,463,246	$166,918,378
Parking Subtotal	$2,389,178	$189,448,902	$30,614,753	$222,452,833

Transit State of Good Repair

Tunnels. Walls, and Culverts	High-Priority	Medium Priority	Low Priority	Total
Bus	$9,408,960	$0	$0	$9,408,960
Commuter Rail	$7,574,391	$0	$0	$7,574,391
Heavy Rail/Light Rail	$83,904,579	$0	$0	$83,904,579
Tunnels. Walls, and Culverts Subtotal	$100,887,930	$0	$0	$100,887,930

Bridges

Commuter Rail	$57,181,678	$131,966,566	$46,442,775	$235,591,019
Heavy Rail/Light Rail	$47,756,564	$148,923,919	$80,013,508	$276,693,991
Bridges Subtotal	$104,938,242	$280,890,485	$126,456,283	$512,285,010

Fare Equipment

Systemwide	$101,508,098	$11,006,013	$89,638,667	$202,152,778

Administration

Systemwide	$5,406,237	$11,886,591	$6,572,707	$23,865,535

Total	High-Priority	Medium Priority	Low Priority	Total
System Preservation Needs	$2,663,700,643	$6,827,394,254	$3,161,665,006	$12,652,759,903

Appendix B
Project Information Forms

In developing the TIP, the Boston Region MPO uses roadway project and transit project information forms for collecting information about projects and evaluating them according to established criteria. These forms are explained in this appendix and samples of the forms are provided at the end of this appendix.

Transit Project Information Forms

There is a project information form for each of the three types of transit project: state-of-good-repair projects, service enhancement projects, and expansion projects. There is also a specific form for two particular types of service enhancement projects: those enhancing accessibility and those enhancing parking. All of these types of forms are filled out by MPO staff using information from the MBTA's Capital Investment Program and other information provided by the MBTA. The evaluation criteria on the forms include utilization, mobility, service quality, air quality, environmental justice, and economic/land use impacts.

Roadway Project Information Forms

The roadway project information form is divided into three sections:

Section A – Project Description and Information
Section B – Proponent-Provided Information
Section C – Project Readiness

The MPO provides information for Sections A and C, while the municipality or other project proponent is asked to fill out Section B. More specifically, A and C are filled out by CTPS, MAPC, and MassHighway. Project proponents are advised to carefully review the information provided in Sections A and C and inform the MPO of any revisions that are called for, so that the most accurate and current information is available during the TIP development process.

SECTION A – PROJECT DESCRIPTION AND INFORMATION

The "Project Description and Information" section contains objective data collected by MPO staff to give a clear understanding of the existing conditions in the project area. The information shown on these forms is gathered from the sources indicated. If the project proponent has information that updates or corrects the information presented here, they are encouraged to provide it.

A1 **Project Name** – Identifies the name of the project.

A2 **Project Category:**

- Arterial and Intersection – Includes arterial roadway and intersection projects.

- Major Highway – Includes limited-access roadway projects Bridge – includes all bridge projects.
- Bridge – Includes bridge projects.
- Bicycle and Pedestrian – Includes projects such as walkways, paths, and trails.
- Enhancement – Includes streetscapes and other types of enhancements.
- Regional Mobility – Includes Transportation Demand Management programs.

A3 **ID** – The MassHighway Project Information System (PROJIS) number assigned to the project. If the project does not have a PROJIS number, an identification number will be assigned to the project by the MPO for internal tracking purposes.

A4 **Municipality(ies)** – The municipality(ies) in which the project is located.

A5 **MHD District** – The MassHighway district in which the project is located.

A6 **MAPC Subregion** – The MAPC subregion in which the project is located.

A7 **Location** – The location and limits of the project.

A8 **Description** – A description of the project, including its major elements and project limits. Maps, diagrams, and pictures are provided by MPO agencies or staff when available. Maps, diagrams, or pictures may be provided by the proponent (electronic formats are preferred). Depending on the category of project, a type is assigned.

- Arterial and Intersection, and Major Highway projects can be categorized as construction, reconstruction, resurfacing, intersection improvement, and "other."
- A Bridge project can be categorized as reconstruction, replacement, rehabilitation, demolition, or new construction.
- A Bicycle/Pedestrian project can be categorized as construction, improvement, or "other."
- Enhancements can be categorized as reconstruction, historic preservation, environmental, streetscape, or "other."
- A Regional Mobility project can be categorized as transportation demand management, transportation management association, marketing, park-and-ride, or "other."
- In addition, when a project adds user capacity to the system (e.g., the addition of a travel lane to a roadway project) this fact will be noted.

A9 **Cost** – The estimated total cost of the project on the date indicated.

Existing Conditions

A10 **Existing Pavement Condition**

- Pavement Roughness (International Roughness Index, or IRI) – This value reflects the calibrated value in inches of roughness per mile. Ranges of 0–190 are classified as "good," ranges of 191–320 are classified as "fair," and any number above 320 is classified as "poor."
- Pavement Serviceability Rating (PSR) – Index value of roughness with a range of 1.0 to 5.0, with 5.0 being perfectly smooth. A rating of 3.0 or less warrants the start of a maintenance program. Any road section that has a PSR range of 2.75–3.0 warrants routine maintenance; a PSR range of 2.5–2.75 warrants a thin overlay; a PSR range of 1.75–2.5 structural overlay, and pavement with a PSR range less than or equal to 1.75 is considered appropriate for total reconstruction.

A11 **Degree of Bicycle/Pedestrian Provisions**

- Sidewalks – Indicates if sidewalks are present on one side or on both sides of the roadway.
- Bicycle Shoulder Provisions – Identifies if the shoulder of the roadway can accommodate bicycling by providing at least a four-foot-wide shoulder.
- Signed Bicycle Route – Roadway is along a signed bicycle route.
- Bicycle Trail – Identifies the presence of a trail near or alongside a roadway.

Safety

Crashes

Crash data are collected for a three-year period for the MassHighway Crash Data System. The latest compilation period is 1997–1999. The Crash Data System includes all motor vehicle crashes involving $1,000 or more in property damage, an injury, or a fatality.

A12 **Top 1000 Rank** – Rank of intersections in the project area that are ranked in the top 1,000 crash sites in the commonwealth.

A13 **Three-Year Crash Total** – Total number of crashes, 1997–1999.

A14 **Fatal Crashes** – Total number of fatal crashes, 1997–1999.

A15 **Bicycle-Involved Crashes** – Total bicycle-involved crashes, 1997–1999.

A16 **Pedestrian-Involved Crashes** – Total of pedestrian-involved crashes, 1997–1999.

Mobility

The following three items (A17, A18, and A19) are based on GIS information, using the project description.

A17 **Project Length (Miles)** – Length of project in miles.

A18 **Project Lane-Miles** – Lane-miles of project.

A19 **Additional Lane-Miles by Project** – Additional lane-miles to be constructed, listed by project.

A20 **Reduction in Vehicle-Hours of Travel** – Reduction in vehicle-hours of travel as a result of the project. Information may come from environmental impact reports, planning studies, or notification from a project proponent.

A21 **Trucks Excluded from Roadway** – Identifies if, when, and what type of trucks are excluded from using any portion of the project area.

A22 **Transit Vehicle Use** – Identifies the fixed-route transit vehicles using the roadway.

Average Daily Traffic

A23 **Description of Count Location** – Indicates the roadway and the location on the roadway where the count occurred.

A24 **Year of Count** – The year the count was taken.

A25 **ADT** – The annual average of vehicles passing a location in a day.

A26 **Source of ADT –** Identifies the source of the ADT information for question A25 if not from Massachusetts Traffic Volumes, MassHighway.

A27 **Truck ADT** – The annual average number of trucks passing a location in a day.

Congestion Management System (CMS) Data (if applicable/available)

The Congestion Management System (CMS) is a federally mandated MPO program that monitors and evaluates regional transportation system performance. The CMS involves collecting information on travel speeds and delays for a selected subset of roadways in the Boston Region MPO area (mostly on numbered state routes). If CMS performance data is available for a roadway where a project is located, the values are provided in items A28 through A30.

If a project information form does not have any CMS data listed, this does not mean that the roadway or intersection does not experience congestion problems—this simply means that data is not available. In such cases, the project proponent should provide any congestion-related information (speed, delay, etc.) available for the project. It should be indicated whether the information is for the peak period or the peak hour.

A28 **Average A.M./P.M. Peak-Period Speed** – The average peak-period, through-vehicle travel speed along a corridor, for both directions of travel.

A29 **Average A.M./P.M. Peak-Period Speed Index –** The level of service based on the average peak-period, through-vehicle travel-speed index along a corridor, for both directions of travel. The speed index is the ratio of the average observed peak-period travel speed to the posted speed limit. The level of service (LOS) associated with the speed index is loosely based on the definition provided by the 2000 *Highway Capacity Manual* for urban streets:

LOS A: > 0.9
LOS B: > 0.7
LOS C: > 0.5
LOS D: > 0.4
LOS E: > 0.33
LOS F: < 0.33

LOS A describes traffic conditions at primarily free-flow or speed-limit values, and LOS F indicates the worst traffic conditions, characterized by extremely low speeds and likely congestion at critical signalized locations.

A30 **Average A.M./P.M. Peak-Period Approach Delay (for signalized intersections) –** Delay is expressed in seconds per vehicle. This value represents the average time a vehicle is expected to spend in a queue at the intersection along the route specified in A7. This is not the equivalent to overall signalized intersection delay.

Community Impacts

Environmental Justice

In 2002, in collaboration with the Ad Hoc Environmental Justice Committee, the MPO adopted the following definition of environmental justice:

> Environmental justice requires the MPO to examine the benefits and burdens, historically, currently, and planned in the future, to ensure that minority and low-income communities are treated equitably in the provision of transportation services and projects.

The examination of environmental justice includes consideration of patterns of capital investment and allocation that have contributed to present conditions and informs current and future MPO decisions.

The traffic analysis zone (TAZ) is the geographic unit for environmental justice analysis used by the MPO. The questions below identify whether or not a project runs through, or is immediately contiguous to, the TAZ of an environmental justice community of concern. If an environmental justice community is impacted by this project and is not identified in questions A31-A33, details need to be provided in question B6.

A31 **Located in MPO-defined environmental justice community of concern –** Seventeen neighborhoods were identified by the Boston Region MPO Environmental Justice Committee based on the percentage of minority residents and percentages of households with low incomes.

A32 **Located in MPO-defined environmental justice target population –** The thresholds for low-income and minority target populations were determined in consultation with the MPO's Environmental Justice Committee. The thresholds are described below.

- Low-Income – The MPO median household income in 2000 was approximately $55,800. A low-income TAZ was defined as having a median household income at or below 75% of this level ($41,850).
- Minority – A minority TAZ was defined as having a percentage of minority population greater than 21.4%. Title VI guidelines suggest that a minority community be defined as one with a minority population which is greater than the regional percentage of minority residents.

A33 **Located in a HUD-defined low- and moderate-income census tract** – A census tract is defined as low-income if its median family income level is below 50% of the Metropolitan Statistical Area's average income, and moderate if it is below 80% of the Metropolitan Statistical Area's average income as adjusted by the Department of Housing and Urban Development (U.S Department of Housing and Urban Development data).

Environmental

A34 **Located in an area of critical environmental concern –** Areas designated as Areas of Critical Environmental Concern are defined by the Massachusetts Secretary of Environmental Affairs.

A35 **Located adjacent to (within 200 feet of) a waterway –** Hydrographic (water-related) features, including surface water (lakes, ponds, reservoirs), flats, rivers, streams, and other features from MassGIS.

A36 **Percentage of land within a one-half mile corridor that is wetlands** – On either side of the project.

A37 **Percentage of land within a one-half mile-wide corridor that is permanently protected open space or municipally-owned** – On either side of the project.

Land Use

A38 **Project will have no impact on adjacent land use –** Project will have no impact on adjacent land use. If the answer is yes, the remaining land use questions do not need to be answered. In general, projects that add capacity will be assumed to have land use impacts; projects that involve repairing or replacing what already exists will not. Project descriptions will be used to make this assessment.

MAPC will make the draft determination, subject to review by the Transportation Planning and Programming Committee. This determination may be changed based on information supplied by the community/proponent.

A39 **Percentage of land within a one-half mile-wide corridor that is previously undeveloped but is developable (i.e., "greenfields") –** On either side of the project.

All of the following criteria apply to the zoning ordinances currently in place for land adjacent to the project. Zoning coverages were developed by MAPC for the Buildout Analysis and were supplemented, where necessary, by the Ordinance.com database (formerly known as MuniLaw). If more recent zoning information is available, that is to be used instead. Using the current available zoning coverage, the following calculations will be made by MAPC:

A40 **Residential areas are zoned for at least seven dwelling units (DU)/acre (suburban) to 50 DU/acre (urban) as an average for the entire developable residentially zoned area within one-half mile of the project –** For all residential-zoned, developable land within the one-mile-wide corridor (for all land that is either currently used or currently undeveloped), the average density, in dwelling units per acre allowed by the current zoning, will be calculated.

A41 **A Commercial FAR that results in an estimated 50 employees/acre (suburban) or 300 employees/acre (urban) as an average for the entire developable commercially-zoned area within one-half mile of the project –** For all commercially zoned, developable land within the one-mile-wide corridor (for all land that is either currently used or currently undeveloped), the average density, in building square feet per acre allowed by the current zoning, will be calculated. The square feet figure will be converted to employees per acre using factors developed by MAPC.

A42 **A future zoned population/employment ratio between 2.0 and 0.75 in the project area –** Dwelling units will be converted to population based on the average population per household for the community from the 2000 U.S. census. The total population within the one-mile-wide corridor will be divided by the total employment calculated within the corridor to produce a population/employment ratio.

MAPC will examine the existing zoning and any related site plan review, transportation demand management (TDM), and design requirements needed to check the following boxes:

A43 **A mix of uses is allowed within the area (only different uses within one-half mile of each other which can be accessed via sidewalks/paths count as mixed use).**

A44 **Zoning allows mixed uses within buildings.**

A45 **Maximum building frontyard setbacks of 20 feet.**

A46 **Maximum parking requirements (≤3/1,000 square feet commercial-suburban; ≤1.0/1,000 square feet commercial-urban).**

A47 **Minimize the number of roadway access points and impose requirements for shared driveways.**

A48 **Design requirements that promote non-single-occupancy vehicle (SOV) access** (for example, requiring buildings to be located next to the street, with parking behind, sidewalks along frontage and within any parking lots, requirements for shade trees and street furniture/bus shelters, bicycle parking requirements, under cover and near front doors, etc.).

A49 **For all new development, a TDM program is required that includes at least four of the following components:**

- Ridesharing program
- Parking restrictions or pricing policies
- Alternative work hours
- Telecommuting options
- Subsidized transit use and other financial incentives
- Areawide strategies, such as membership in transportation management associations
- Subsidies for local transit service
- Provision of access to site and turnaround space for multioccupant vehicles up to 25 feet in length

Commercial developments must meet five out of eight criteria. Residential developments that meet or exceed MEPA thresholds also need to have TDM strategies in place. These requirements also apply to existing developments that add 25 or more parking spaces to their facility.

MAPC will determine if any corridor land use plans are in place. If they are, MAPC will determine answers to the following:

A50 **A corridor land use plan has been developed and adopted by all of the corridor communities that is designed to preserve at least 50% of the new roadway capacity of the project** – If a corridor land use plan has been adopted and is being implemented in all corridor communities, and the project is consistent with the corridor plan, the project will receive a "high" land use rating regardless of the above zoning requirements.

A51 **Overall land use rating** – Shows the overall average score of land uses identified in the above questions. Projects will be rated "low," "medium," or "high." A project will receive a "high" rating if it meets at least 6 of the 10 criteria listed above (A40 through A49), or receives a positive response to A50. A project will receive a "low" rating if one-third or more of the total land in the adjacent corridor is wetlands or greenfields (A36 and A39). All other projects will receive a "medium" rating.

Economic Development

These questions will be answered for all projects with a land use impact, and any other projects will be recommended by MAPC as important for economic development.

A52 **Serves a brownfield development site (a 21E site designated by the Executive Office of Environmental Affairs located within one-quarter mile of the proposed project)** – For all land within the same one-half-mile-wide corridor used for the Program for Mass Transportation and the Regional Transportation Plan and using the EOEA Brownfield/21E coverage, the number of 21E sites within the corridor will be identified.

A53 **Serves a state-designated Economic Target Area** – Using the state-designated Economic Target Area communities or areas, the box will be checked (or not).

A54 **Serves a regionally designated economic revitalization area or initiative** – Serves a regionally designated economic revitalization area or initiative, including central business districts and town centers.

MAPC will determine whether the project:

A55 **Supports a Comprehensive Economic Development Strategy (CEDS) Priority Project** – Adjacent to a project listed in CEDS.

A56 **Is consistent with the region's Comprehensive Economic Development Strategy** –

- Links economically distressed communities to the mainstream economy, census tracts which meet the EDA criteria for "economically distressed" are determined based on 80 percent of average per capita income or unemployment rates 1 percent higher than the average rate.
- Encourages development of commercial areas served by transit.
- Encourages development of affordable housing accessible to employment centers.

Cost Effectiveness

Cost effectiveness measures are derived from dividing the project cost by the quantified data in the MPO database.

A57 **$ per ADT** – Cost (question A9) divided by ADT (question A25).

A58 **$ per Lane-Miles** – Cost (question A9) divided by project proposed total lane-miles (the sum of A18 and A19).

A59 **$ per Reduction in VHT** – Cost (question A9) divided by the reduced vehicle-hours of travel (question A20).

Category-Specific Information

Category-specific is information that only applies to certain types of projects (see the following list).

Arterial and Intersection – No additional information.

Major Highway - No additional information.

Bridge

- AASHTO Rating – American Association of State Highway and Transportation Officials' rating of bridge deficiency. The lower the score, the more deficient the bridge.
- Year Built – The year the bridge was built.
- Year Rebuilt – The last year the bridge was rebuilt.
- Deficiency – The deficiency of the bridge, either structurally deficient or functionally obsolete.
- Double-stack route – If the bridge is located on a double-stack freight route. This applies only to bridges crossing the Worcester/Framingham commuter rail line.

Bicycle and Pedestrian
Approved by the Congestion Management and Air Quality Mitigation Committee – Approved for the use of Congestion Mitigation and Air Quality funds.

Enhancement

- Approved by the Regional Enhancement Committee
- Approved by the Statewide Enhancement Steering Committee – Received Enhancement Committee approval.
- Approved by the Congestion Mitigation and Air Quality Mitigation Committee – Approved for the use of Congestion Mitigation and Air Quality funds.

Regional Mobility
Approved by the Congestion Mitigation and Air Quality Mitigation Committee – Approved for the use of Congestion Mitigation and Air Quality funds.

SECTION B – PROPONENT-PROVIDED INFORMATION

Section B provides project proponents an opportunity to provide additional information to the MPO. Proponent questions are qualitative in nature and mean to address the anticipated effects of a project. While this section may be filled out by any person(s) designated by the project proponent, the TIP contact for each proponent is responsible for the accuracy of information submitted to the MPO.

B1 **What is the need for this project?** Describe the need for the project from a local and regional perspective. What are the existing or anticipated issues the project is designed to address?

Condition Evaluation

B2 **How does this project address the existing infrastructure conditions in the project area?**

- For roadway projects, describe how the project will address the condition of the roadway surface or other identified infrastructure problems, including bicycle and pedestrian amenities. Provide any additional information on pavement condition as well as details of any pavement management system the community or agency employs, and how this pavement management system will maximize the useful life of any pavement repaired or replaced by the project.
- For bridge projects, describe how the project will address restoration of structural adequacy, other infrastructure problems, and bicycle and pedestrian amenities.
- For enhancement projects, describe improvements to pedestrian amenities, landscaping, or other general aesthetics.
- For bicycle and pedestrian projects, describe improvements to existing shoulders on existing bicycle routes, repairs to existing bicycle lanes or trails, and repairs to sidewalks and crosswalks.
- For regional mobility projects, describe improvements to parking surfaces and other identified infrastructure.

Safety Evaluation

B3 **How does this project address existing safety conditions in the project area?** How will the project result in improved safety conditions in the project area, including emergency vehicle access, lighting, or other safety features? Please explain the safety benefits of the project for all modes.

Mobility Evaluation

B4 **How does this project address mobility needs?** Please include information on whether or not the project improves the level of service (LOS) and reduces congestion, provides transit services on a roadway, provides prioritized signals for transit vehicles, provides multimodal elements (e.g., access to transit stations or parking, access to bicycle or pedestrian connections, bus lanes or

other transit rights-of-way, and bicycle lanes), incorporates intelligent transportation system elements, enhances freight mobility, and closes gaps in the existing transportation system.

Community Impacts

B5 **If this project is identified in questions A31–A33, how does the project affect this(ese) communities?** Explain the impact this project will have on environmental justice communities.

B6 **If this project is NOT identified in questions A31–A33, does it have any environmental justice impacts?** Since this project is not adjacent to an MPO-identified environmental justice community or HUD-defined low- and moderate-income census tracts, please identify the community that will be impacted and the impact this project will have on the community.

B7 **How does the project relate to community character?** Explain the impact this project will have on the overall community character and if the project is located within an existing community or neighborhood center or other pedestrian-oriented area.

Land Use and Economic Development

B8 **How does the zoning of the area within one-half mile of this project support transit-oriented development and preserve any new roadway capacity?** Will the project have an impact on adjacent land uses? Please review the information in questions A39–A51 if the project is expected to have an impact on land use, and provide any information you have that is different from that reported on this form.

B9 **How is the project consistent with local land use policies?** Explain how this project will support existing or proposed local land use policies.

B10 **How is the project consistent with state, regional, and local economic development priorities?** Explain how this project will support economic development in the community or in the project area.

Environmental Impacts

B11 **What are the environmental impacts of the project?** How will this project improve air quality and/or water quality, and/or reduce noise levels in the project area and in the region? Air quality improvements can come from reductions in vehicle trips, from reductions in the length of those trips, or from a reduction in vehicle cold starts. Water quality improvements can result from less runoff from impervious surfaces. Noise barriers or vegetation plantings can also reduce noise impacts.

SECTION C – READINESS

All non-transit projects programmed in the TIP must be advertised before the end of the federal fiscal year (September 30). That funding authorization is not transferred to the next federal fiscal year; any "leftover" funds are effectively "lost" to the region. If a project in the first year of the TIP is not ready to be advertised before September 30, it will be removed from the TIP and replaced with another project during an amendment process.

For projects in the annual element of the TIP, it is important to communicate any perceived problems to the Boston Region MPO, c/o CTPS, as soon as possible.

C1 **Project Description** – The project name, ID, category, and description.

C2 **Design Status** – A project's design status. A checked box indicates that a design status has been reached (see the following list). Dates are provided where available.

- Project Review Committee Approval
- 25% submitted to MassHighway
- 25% approved by MassHighway
- 75% submitted to MassHighway
- 75% approved by MassHighway
- 100% submitted to MassHighway
- 100% approved by MassHighway

C3 **Design Exceptions** – There are 10 roadway-controlling criteria as defined in MassHighway's Highway Design Manual:

- Design speed
- Lane width
- Shoulder width
- Horizontal alignment
- Vertical alignment
- Grades
- Stopping sight distance
- Cross slope
- Super elevation
- Horizontal clearance

In addition, there are three bridge-only criteria:

- Width
- Structural Capacity
- Vertical Clearance

C4 **Required Permits** – Permits required by the Massachusetts Environmental Policy Act. A check denotes the required permits for the project. Applicable dates are also recorded for:

- Environmental Impact Statement
- Construction Engineering Checklist
- Clean Water Act Section 404 Permit
- Rivers and Harbors Act of 1899 Section 10 Permit
- MEPA Environmental Notification Form
- MEPA Environmental Impact Report
- Massachusetts Historical Commission Approval
- M.G.L. Ch. 131 Wetlands Order of Conditions
- Conservation Commission Order of Conditions

Two additional slots are reserved for other required permits and approvals.

C5 **Right-of-Way** – The section describing the right-of-way status of a project.

None – No right-of-way action required for the completion of the project.
Required – Right-of-way action required for the completion of the project.
Types of right-of-way required for a project:

- **Rights of Entry** – Allows the contractor to perform certain types of work on the owner's land. The rights granted are temporary in nature.
- **Easement** – The title of the land remains in the name of the property owner; however, the project proponent has the right to the use of the property.
- **Taking** – A fee taking, transferring the title of the land to the project proponent on the date of the recording of the order of taking.

MassHighway Responsibility – The required right-of-way is the responsibility of MassHighway.
Municipal Responsibility – The required right-of-way is the responsibility of the municipality.
Municipal Approval – Municipal approval of the right-of-way plan and the date.

- **Expected** – Expected date of right-of-way plan and order of taking (MassHighway or municipal).
- **Recorded** – Date the right-of-way plan and order of taking was recorded at the Registry of Deeds (MassHighway or municipal).
- **Expires** – Expiration date of the order of taking (MassHighway or municipal).

Outstanding Issues – Any outstanding right-of-way issues (MassHighway or municipal).

C6 **Additional project phases or concurrent public works associated with the project –** If there are additional phases of the project, or if there are concurrent public works projects in the project areas, information on how the projects and schedules are linked must be provided.

Project Information Forms

Community Support

C7 **Community Priority** – The priority of the project as reported by the community.

C8 **Subregional Priority** – Metropolitan Area Planning Council Subregional priority for the project, usually voted on at a spring meeting. Contact Barbara Lucas at MAPC (617-451-2770 x2043) to determine the scheduled date for your subregion's meeting.

C9 **Transportation Improvement Program History** – The history of the project in the TIP between fiscal year 1998 and fiscal year 2006 and what fiscal year element it was programmed in.

Appendix C
Status of Fiscal Year 2005 Roadway Projects

This chapter of the Transportation Improvement Program (TIP) lists information about the status of projects on the fiscal year 2005 element of the fiscal year 2005–2009 TIP.

Information included in the project information chapters:

Municipality **Project** **ID number**

Description

Current Status

Municipality: The community(ies) in which a project is located

Project: The location or name of the project

ID number: Projects in MassHighway's project tracking system are given a six-digit number; those projects not in the project tracking system have no number.

Description: The description of the project

Current Status: States the current status of a project: removed by amendment, reprogrammed, obligated, advertised for construction, and expected to be advertised for construction.

FY 2005 Roadway Projects

Bedford **Depot Park Freight House** **603949**

Restore a historic freight house and provide public restrooms at Depot Park.

Current Status: ***Removed from fiscal year 2005 by amendment August 11, 2005. Reporgrammed in***

Bellingham **Pearl Street Bridge** **602999**

Replace the Pearl Street Bridge (B-6-1) over the Charles River.

Current Status: ***Advertised February 5, 2005.***

Beverly & Salem **Intermodal Facilities**

Provide funding for intermodal facilities and parking garages in the cities of Beverly and Salem.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Boston **Central Artery/Tunnel Project** **195001**

Fund various contracts associated with the continuing reconstruction of the Central Artery.

Current Status: ***Funds Obligated.***

Boston **South Bay Harbor Trail (Design)**

Design of the South Bay Harbor Trail from Ruggles Station to Boston Harbor in South Boston along the Fort Point Channel

Current Status: ***Removed from fiscal year 2005 by amendment August 11, 2005. Reporgrammed in***

FY 2005 Roadway Projects

Boston **Kenmore Square Year Two** **602393**

Reconstruct and reconfigure the intersections of Brookline Avenue, Beacon Street, and Commonwealth Avenue, the intersection of Commonwealth Avenue and Deerfield Street, and the intersections of Commonwealth Avenue and Beacon Street with Kenmore Street.

Current Status: ***Funds Obligated.***

Boston **Ipswich Street Bridge** **600731**

Rehabilitate the Ipswich Street Bridge (B-16-401) over the Muddy River.

Current Status: ***Advertised September 25, 2004.***

Boston **Long Island Pier**

Construct an ADA-accessible pier on Long Island to provide public access by water transportation to the Parade Ground and Long Island Head sections of the island.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Boston **Regional Intelligent Transportation Systems**

Advance regional ITS architecture by connecting the City of Boston's Traffic Management Center (TMC) with one or more of the various state traffic management centers. Additionally, the traffic monitoring and management capabilities of the Boston TMC will

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Boston **Harbor Islands National Park Access**

Make access improvements to the Boston Harbor Islands National Park area

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

FY 2005 Roadway Projects

Boston **Long Island Pier Reconstruction**

Reconstruct the Harbor Islands National Recreation Area Long Island Pier.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Boston & Everett **Route 99 (Alford Street) Bridge Year One** **603370**

Reconstruct the Route 99 (Alford Street) Bridge (B-16-29) over the Mystic River. This project will be advertised for $24 million in FY 2005 under the Advanced Construction Program and will be funded over a four-year period with federal funds.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Boston Region **Suburban Mobility Improvement Program**

Provide funding for programs and projects that improve the mobility of residents in areas currently not served or underserved by transit. Potential services eligible for funding under this program include fixed-route shuttles serving markets not typically addressed (e.g., suburb-to-suburb, reverse commuting, etc.), employer-based van/carpool services, flexible-route shuttle services, and similar programs.

$20,499 in federal funds to the Cape Ann Transportation Authority to operate the Ipswich Summer Shuttle service in the towns of Essex and Ipswich. The federal funds will be matched by $5,150 in local funds for a total of $25,649 in fiscal year 2005.

$3,467 in federal funds to the 128 Business Council to operate a two vehicle shuttle service among the Anderson Regional Transportation Center and businesses and multi-unit housing in Woburn, Burlington, and Lexington. The federal funds will be matched by $867 in local funds for a total of $4,334 in fiscal year 2005. These funds are to correct an accounting error in the 2004 allocation.

$275,555.60 in federal funds to the Town of Framingham to operate the Lift 9 service. The federal funds will be matched by $70,425 in local funds for a total of $345,980.60 in fiscal year 2005.

Current Status: ***Funds Obligated.***

FY 2005 Roadway Projects

Boston Region **Regional Transportation Demand Management Program**

Procure 3 bike racks for the CATA/Ipswich summer shuttle buses; procure 60 bike racks for installation at MBTA stations throughout the region; design, procure and install a bike cage for approximately 50 bikes at a selected high usage station as a demonstration project; procure 40 bus shelters for installation throughout the region.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Braintree, Quincy & Randolph **Interstate 93** **604260**

Fund structural overlay on Interstate 93.

Current Status: ***Advertised August 27, 2005.***

Brookline **Beacon Street, Year Two** **601183**

Reconstruct Beacon Street from St. Mary's Street to Ayr Road. The project includes upgrading the signals, redesigning the traffic flow, providing angled parking and reconstructing the roadway. The funding here represents the second year of funding.

Current Status: ***Advertised September 18, 2004.***

Cambridge **Walden Street Bridge** **160065**

Replace the Walden Street Bridge (C-1-13) over the B&M Railroad and the MBTA.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Cambridge **Lechmere Station Relocation**

Provide funds for design of the Lechmere Station Relocation and Intermodal Expansion.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

FY 2005 Roadway Projects

Canton **Route 138 Intersections** **602745**

Intersection improvements at Route 138 (Turnpike Street) and Washington Street, and Route 138 and Randolph Road.

Current Status: ***Advertised June 11, 2005.***

Canton & Dedham **Route 128 Improvement Program Contract 1 Year Three** **602288**

The Route 128 Transportation Improvement Program will widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Current Status: ***Funds Obligated***

Dedham **Ames Street Bridge** **603542**

Replace the Ames Street Bridge (D-5-5) over the Charles River.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Dedham & Westwood **Route 128 Improvement Program Contract 3 Year One** **603162**

The Route 128 Transportation Improvement Program will widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Dedham and Wellesley **Interstate 95** **604367**

Resurfacing And Related Work on Interstate -95

Current Status: ***Advertised June 25, 2005.***

Duxbury & Marshfield **Route 3A** **603826**

Resurface and cold plane a section of Route 3A.

Current Status: ***Advertised June 18, 2005.***

FY 2005 Roadway Projects

Framingham **Main Street Bridge** **602944**

Replace the Main Street Bridge (F-7-5) over the Sudbury River.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Framingham **Route 9 Bridge** **602522**

Replace the Route 9 Bridge (F-7-6) over the Sudbury River.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Franklin **Union Street** **600981**

Rehabilitate Union Street from Beaver Street to Washington Street.

Current Status: ***Advertised December 25, 2004.***

Gloucester **Thatcher Road Bridge** **133850**

Replace the Thatcher Road Bridge (G-5-9) over Good Harbor Beach Creek.

Current Status: ***Advertised July 30, 2005.***

Hanover **Route 123 (Webster Street)** **600404**

Reconstruct Route 123 (Webster Street) from the Rockland town line to the Route 3 overpass.

Current Status: ***Advertised April 30, 2005.***

Hudson **Route 62 (Main Street) Bridge** **602131**

Replace the Route 62 (Main Street) Bridge (H-25-7) over the Assabet River.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

FY 2005 Roadway Projects

Lynn & Saugus **Boston Street Bridge** **602047**

Replace the Boston Street Bridge (L-18-17 = S-5-9) over the Saugus River.

Current Status: ***Advertised July 2, 2005.***

Marshfield & Scituate **Julian Street Bridge and Sea Street Bridge** **604489**

Replace the Julian Street Bridge (M-7-19=S-7-14) over the South River and the Sea Street Bridge (M-7-3=S-7-3) over the South River.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Marshfield & Scituate **Sea Street Bridge** **602533**

Replace the Sea Street Bridge (M-7-3=S-7-3) over the South River.

Current Status: ***Project combined with #602544 as #604489, and expected to be advertised prior to t***

Marshfield & Scituate **Julian Street Bridge** **602544**

Replace the Julian Street Bridge (M-7-19=S-7-14) over the South River.

Current Status: ***Project combined with #602533 as #604489, and expected to be advertised prior to t***

Medway **Route 126 (Summer Street)** **602135**

Reconstruct Route 126 (Summer Street) from the Bellingham town line to the Holliston town line.

Current Status: ***Advertised August 20, 2005.***

Melrose **Main Street/Green Street** **601552**

Improve the intersection of Main Street and Green Street, including rehabilitating the roadway and upgrading the signalization.

Current Status: ***Advertised March 5, 2005.***

FY 2005 Roadway Projects

Middleton **Route 114 (North Main Steet)** **600227**

Reconstruct Route 114 (North Main Street) in the Town of Middleton.

Current Status: ***Advertised April 16, 2005.***

Needham & Westwood **Route 128 Improvement Program Contract 4a Year One**

The Route 128 Transportation Improvement Program will widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Current Status: ***This project is now part of Route 128 Improvement Program Contract 4.***

Randolph **DCR Horse Access Bridge** **603244**

Replace the MDC Horse Access Road Bridge (R-10-14) over Route 24 (Northbound & Southbound).

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Randolph **Route 28 (North Main Street)** **603716**

Resurface and perform related work Route 28 (North Main Street).

Current Status: ***Advertised August 6, 2005.***

Randolph to Wellesley **Route 128 Improvement Program (Design)**

Fund bridge and roadway design work for the Route 128 Transportation Improvement Project which will widen Route 128 by one lane in each direction from Wellesley to Randolph, replace associated bridges, and improve the safety conditions of the roadway.

Current Status: ***Funds Obligated.***

FY 2005 Roadway Projects

Revere **Intermodal Transit Improvements**

Fund the planning, design, and construction of garage and other transit-related infrastructure improvements in the City of Revere.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

Rockland **Route 3 Bridge** **603021**

Replace the deck on the Route 3 Bridge (R-8-4) over Route 228 (Hingham Street).

Current Status: ***Advertised June 18, 2005.***

Salem **Route 114 (North Street)** **601323**

Reconstruct Route 114 (North Street) from the Peabody city line to Bridge Street.

Current Status: ***Advertised August 27, 2005.***

Salem **Route 114 Enhancements**

Install street lighting along Route 114.

Current Status: ***Advertised August 27, 2005.***

Sharon **Three Bridges** **603622**

Rehabilitate the Route 1 northbound bridges (s-9-9, S-9-10 & S,9-11) over Interstate 95 northbound and southbound.

Current Status: ***Advertised August 20, 2005.***

Somerville **Somerville Avenue** **602109**

Reconstruct Somerville Avenue from Union Square to the Cambridge city line.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

FY 2005 Roadway Projects

Somerville **Somerville Avenue Enhancement** **602940**

Install enhancements along the south side of Somerville Avenue from the Cambridge city line to School Street.

Current Status: ***Removed by administrative adjustment August 4, 2005: enhancement work is part o***

Somerville **Beacon Street** **601820**

Reconstruct Beacon Street from Oxford Street to the Cambridge city line.

Current Status: ***Removed from fiscal year 2006 by amendment June 16, 2005. Reporgrammed in fis***

Walpole **Route 1A/Winter Street** **602721**

Improve the intersection of Route 1A and Winter Street and install traffic signals.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Waltham **Winter Street Bridge, Year Two** **601498**

Reconstruct the Winter Street Bridge (W-4-25) over Interstate 95 (Route 128) and reconfigure the associated interchange. This project was advertised for $23 million in FY 2004 under the Advanced Construction Program.

Current Status: ***Funds Obligated.***

Wayland **Route 20 Bridge** **105121**

Rehabilitate the Route 20 Bridge (W-11-1) over the Sudbury River.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Wayland **Pelham Island Road Bridge** **602723**

Replace the Pelham Island Road Bridge (W-11-2) over the Sudbury River.

Current Status: ***Expected to be obligated prior to the close of fiscal year 2005.***

FY 2005 Roadway Projects

Weymouth **Route 3/East Side Access**

Provide access from Route 3 to the redevelopment of South Weymouth Naval Air Station

Current Status: ***Funds reprogrammed as East-West Parkway design and permitting in the fiscal yea***

Weymouth **Route 18 (Design & Permitting)**

Fund design and permitting work associated with the widening of Route 18 from Route 3 to Columbian Street.

Current Status: ***Adjusted into the TIP on January 20, 2005, funds obligated.***

Weymouth **Route 18 Intersections** **603161**

Make traffic signal improvements at three locations along Route 18: West Street, Park Avenue and Columbian Street.

Current Status: ***Expected to be advertised prior to the close of fiscal year 2005.***

Weymouth **South Weymouth Naval Air Station Reuse**

Improve the transportation infrastructure of the South Weymouth Naval Air Station. This work is associated with on-base improvements.

Current Status: ***Funds reprogrammed as East-West Parkway design and permitting in the fiscal yea***

Weymouth **Route 18 (Right-of-Way)**

Purchase right-of-way for Route 18.

Current Status: ***Funds Obligated.***

Winthrop **Winthrop Ferry**

Provide funds for the Winthrop Ferry.

Current Status: ***Expected to be obligated by the close of fiscal year 2005.***

Appendix D
Status of Fiscal Year 2005 Transit Projects

This chapter of the Transportation Improvement Program (TIP) lists information aobut the status of transit projects on the fiscal year 2005 element of the fiscal years 2005–2009 TIP.

Funds Programmed: Total funds programmed in the fiscal year 2005 element of the fiscal years 2005–2009 TIP

Pending: Application being prepared to be submitted to FTA

Completed: Application submitted to FTA

Approved: Funds executed

Section 5307

		Funds Programmed	*Pending*	*Completed*	*Approved*
Bus	175 CNG Buses	$2,250,000		$2,250,000	
Bus	Arborway Maintenance Facility	$2,000,000			$2,000,000
Red Line	Ashmont Station	$10,000,000	$10,000,000		
Blue Line	Blue Line Signals	$14,500,000	$14,500,000		
Blue Line	Blue Line Vehicles	$35,099,883			$35,099,883
Bus	Bus Overhaul Program	$868,000		$868,000	
Cape Ann	Cape Ann Transportation Authority	$410,141			$410,141
Systemwide	Grant Anticipation Notes (GANs) Program	$10,500,000	$5,000,000		$5,500,000
Systemwide	MBTA Accessibility Program	$50,155,000	$23,155,000	$27,000,000	
Systemwide	MBTA Enhancement Program	$4,837,491	$1,837,491	$3,000,000	
Systemwide	Preventative Maintenance	$10,000,000			$10,000,000
Systemwide	Public Announcement System Upgrades	$3,200,000	$3,200,000		
Silver Line	Silver Line Phase Two (the Transitway)	$9,808,926		$9,808,926	
Systemwide	Station Management Program	$29,729,188	$29,729,188		
		$183,358,629	**$87,421,679**	**$42,926,926**	**$53,010,024**

Section 5309

		Programmed Funds	*Pending*	*Completed*	*Approved*
Commuter Rail	Auburndale Station Access Improvements	$368,348			$368,348
Beverly & Salem	Beverly/Salem Intermodal Center	$1,214,749	$1,214,749		
Boston Region	Regional Transportation Demand Management Program	$253,500	$253,500		
Blue Line	Blue Line Modernization	$50,028,623	$15,528,623	$34,500,000	
Systemwide	Bridge Program	$1,600,000	$1,600,000		
Bus	Bus Allocations	$312,319	$312,319		
Commuter Rail	Coach Reliability and Safety Program	$11,750,000	$11,750,000		
Commuter Rail	Lawrence Intermodal	$3,000,000			$3,000,000
Green Line	Lechmere Intermodal	$1,214,749	$1,214,749		
Systemwide	MBTA Bridge Program	$7,800,000	$300,000		$7,500,000
Orange Line	Orange Line Signals	$42,930,000	$17,700,000	$25,230,000	
Green Line	Power Improvements	$1,100,000	$1,100,000		
Silver Line	Silver Line Phase 2 (the Transitway)	$837,275			$837,275
Silver Line	Silver Line Phase 3	$6,180,448		$3,720,000	$2,460,448
Systemwide	Station Management Program	$49,044,516	$49,044,516		
Boston Region	Regional Transportation Demand Management Program	$253,500	$253,500		
Boston Region	Suburban Mobility Improvement Program - 128 Business	$181,175	$181,175		
Revere	Wonderland Station	$2,429,446	$2,429,446		
		$180,498,648	**$102,882,577**	**$63,450,000**	**$14,166,071**

Funded by the Sale of Surplus Property with a Federal Interest

Systemwide	Lynn Garage*
Systemwide	Quincy Fore River Shipyard Parking*

* These funds are not part of the financial constraint of the TIP.

Public Comments

Date	Name	Affiliation	Comment	MPO Action
7/12/2005	Board of Selectmen	Town of Hanover	Supports the programming of Route 53 Phase 1B project in Hanover.	The project is programmed in fiscal year 2006.
7/18/2005	Gino Carlucci, Chair	South West Advisory Planning Committee	Supports the programming of several projects in the SWAP area including two programmed projects: Upper Charles Trail, Phase 2 in Milford and Upper Charles Trail in Holliston. Another SWAP priority is the extension of commuter rail to Millis. Supports the programming of the Bicycle Infrastructure Program and the Suburban Mobility Program.	The Upper Charles Trail, Phase 2 in Milford and Upper Charles Trail in Holliston are programmed in fiscal year 2007.
7/20/2005	Kevin Lee Hepner, Vice President	Judge Baker Children's Center	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/20/2005	Robert J. Walsh, Director of Financial Affairs	The Windsor School	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/20/2005	Robert C. Calway, Chief Project and Planning Officer	Joslin Diabetes Center	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/21/2005	Franklin G. Ching, Transportation Director	City of Waltham	Requests the programming of federal earmark of Route 117 Connector project (I-95 / Rte 20 interchange modification)	$2 million in federal funds (Interstate Maintenance Discretionary) was allocated in 2005 for I-95 / Rte 20 interchange modification. The MPO will consider including these funds in fiscal year 2006.
7/22/2005	Anthony Marques, Director of Public Works	Town of Hudson	Requests to include the Cox Street Bridge (H-25-008) replacement in fiscal year 2008	The project is not programmed
7/22/2005	Peter I. Hechenbleikner, Town Manager	Town of Reading	Supports the programming of Route 28 (Main Street) Reconstruction in fiscal year 2006.	The project is programmed in fiscal year 2006
7/22/2005	Tony Fields, Chairman	North Suburban Planning Council	Supports the programming of the Tri-Community Bikeway, requests the programming of the Magazine Hill Park and Ride in Woburn and the Salem Street Intersections project in Wakefield.	The Tri-Community Bikeway design is programmed in fiscal year 2007; construction is programmed in fiscal year 2008. The Magazine Hill Park and Ride in Woburn and the Salem Street Intersections project in Wakefield are not programmed.
7/22/2005	Jeff Levine, Chair	Inner Core Committee	Requests the programming of Massachusetts Avenue in Arlington and Telecomm Boulevard, Phase 1	The projects are not programmed, they are both in preliminary design
7/22/2005	Richard M. Shea Jr., Vice President for Facilities Management	Dana-Farber Cancer Institute	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/22/2005	Richard Dimino, President and CEO	Artery Business Council	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008

Public Comments

Date	Name	Affiliation	Comment	MPO Action
7/22/2005	Thomas G. Ambrosino	City of Revere	Supports the programming of Park Avenue/Central Avenue reconstruction project in Revere in fiscal year 2006.	The project is not programmed
7/22/2005	Susan Hancox, Vice President, Administration	Children's Hospital Boston	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/24/2005	John Stasik, Chair	MetroWest Transportation Task Force	Encouraged by the listing of priorities in the TIP; concerned about the use of Grant Anticipation Notes by the MBTA; concerned about the use of CMAQ funds for Suburban Mobility Program (3-year horizon) as the Suburban Transit Opportunities Study Phase I recognize that public transit cannot be self-funded. Pleased but puzzled by the substantial investment in bicycle parking infrastructure, hopes that these funds could be used for bicycle transportation infrastructure at multi-modal sites, not just train stations, and for acquisition of rights-of-way for planned bicycle trails.	The GANs programmed in the TIP are to be used for the State of Good Repair project on the Fairmount Commuter Rail line and the procurement of Emission-Controlled Diesel Buses. CMAQ funds are the only type of highway funds able to be spent on operations (not capital) expendatures.
7/25/2005	Sister Janet Eisner, SND, President	Emmanuel College	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/25/2005	Kevin J. Costello, Director of Operations	South Shore Chamber of Commerce	Supports a number of projects in the South Shore, both programmed and unprogrammed.	Some projects identified are programmed, the majority are not programmed.
7/25/2005	David M. Madden, Mayor	Town of Weymouth	Supports the programming of the multi-phase effort to upgrade Route 18; supports the programming of funds for the redevelopment of the former Naval Air Station; supports the programming of the Route 53 (Washington Street)/ Middle Street intersection project.	Funds are programmed with the exception of the Route 53 (Washington Street)/ Middle Street intersection project,
7/25/2005	Albert Turco, Chairman	Wakefield Board of Selectmen	Requests the programming of Salem Street and Three Intersections project (#603311).	Project not programmed
7/25/2005	Anne Hawley, Norma Jean Calderwood Director	Isabella Stewart Gardner Museum	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008.	Funds are programmed in fiscal years 2006, 2007, and 2008
7/25/2005	Brian Watson, Chairman	North Shore Task Force	Supports the programming of Blue Line Modernization, Cape Ann Transportation Authority, Beverly/Salem Intermodal center, Peabody Bikeway, Waters Street Bridge in Danvers. Priority Projects not included in the TIP are: Thatcher Road Bridge and Route 127 projects in Gloucester, new signage on Route 128 from Peabody to Gloucester and work on Liberty and Collins Street in Danvers.	The Blue Line Modernization, Cape Ann Transportation Authority, Beverly/Salem Intermodal center, Peabody Bikeway, Waters Street Bridge in Danvers are all programmed in the TIP. The Thatcher Road Bridge and Route 127 projects in Gloucester, new signage on Route 128 from Peabody to Gloucester and work on Liberty and Collins Street in Danvers are not programmed.
7/25/2005	Tom Kelleher, President	Assabet River Rail Trail	Supports the programming of the Assabet River Rail Trail.	The project is programmed in fiscal year 2008.

Public Comments

Date	Name	Affiliation	Comment	MPO Action
7/25/2005	Paul F. Matthews, Executive Director	Arc of Innovation	Requests the programming of the I-495/I-290/Rte. 85 Interchange in Hudson and Marlborough, the Rte. 135/Rte. 126 Interchange in Framingham, and the I-495/Rte. 9 Interchange in Westborough & Southborough.	The projects are not programmed.
7/25/2005	Thomas Lacey, President	Weymouth Town Council	Supports the improvements to Route 18, supports the projects associated with the reuse of South Weymouth Naval Air Station, requests the programming of Route 53/Middle Street intersection project.	All projects are programmed with the exception of the Route 53/Middle Street intersection.
7/25/2005	Anita Lauricella	Fort Point Cultural Coalition	Supports the programming of the South Bay Harbor Trail	The South Bay Harbor Trail is programmed in fiscal year 2007
7/25/2005	Christine Apicella, Senior Planner	Medical Academic and Scientific Community Organization, Inc.	Supports the programming of funds to the City of Boston's Traffic Management Center in fiscal years 2006, 2007, and 2008. Supports the Congestion Mitigation and Air Quality funds for the Regional Transportation Demand Management Program. Supports the funding for the Region's Bicycle Parking Infrastructure Program. Supports the MBTA's Capital Investment Program and TIP funds fro transit station improvements, especially the Automated Fare Collection system. Requests that multi-modal centers and points of major bus connections receive priority for enhancements; Ruggles, JFK/UMass and Yawkey Station are important multi-modal centers serving LMA employees, students, patients, and visitors.	Funds are programmed in fiscal years 2006, 2007, and 2008 for the City of Boston's Traffic Management Center, the Regional Transportation Demand Management Program and the Bicycle Parking Infrastructure Program. The MPO will notify the MBTA of MASCO's request to prioritize Ruggles, JFK/UMass and Yawkey Station .
7/25/2005	Candelaria Silva-Collins, Director	Arts Culture Trade Roxbury Consortium	Supports the programming of the South Bay Harbor Trail	The South Bay Harbor Trail is programmed in fiscal year 2007
7/26/2005	Jeff Levine, Chair	Regional Transportation Advisory Council	Voted unanimously to support the draft TIP; concerned about the use of GANs by the MBTA; concerned about process used to select projects as it relates to the CMAQ goals and readiness of CMAQ and non-CMAQ projects.	
7/26/2005	Maryann Gilligan Suydaun, Regional Senior Vice President	Equity Office	Supports the programming of the South Bay Harbor Trail	The South Bay Harbor Trail is programmed in fiscal year 2007
7/26/2005	Sherri L. Walker, Director of Regional Economic Development	Neponset Valley Chamber of Commerce	Requests the programming of the Morse Street & Pleasant Street Intersection in Norwood in fiscal year 2006.	The project is not programmed.
7/26/2005	Beth Rubenstein, Assistant City Manager for Community Development	City of Cambridge	It is not clear to the City whether the bid package for the Walden Street Bridge (#160065) will be ready for fiscal year 2005, if it is not the City supports the project in fiscal year 2006. The City of Cambridge supports the programming of the Belmont, Cambridge, Somerville Bikepath (#600811) in fiscal year 2006.	The Walden Street bridge is expected to be advertised by the end of fiscal year 2005, the bikepath is programmed in fiscal year 2006
7/26/2005	Michelle Ciccolo, Assistant Administrator	Town of Hudson	Supports the programming of the Assabet River Rail Trail.	The project is programmed in fiscal year 2008.

Public Comments

Date	Name	Affiliation	Comment	MPO Action
7/26/2005	Michelle Ciccolo, Assistant Administrator	Town of Hudson	Update on the status of the Route 85, Washington Street Widening Project. The Town met with District 3 and indicated that it is willing to pursue a roadway discontinuance and assume full maintenance of the roadway once the widening is completed. A site visit is scheduled to scope further details of the project to proceed to the PRC phase and receive a PROJIS number. The Town held a public meeting in April of 2005 where residents expressed considerable support for the project. The Town is hopeful that the project will be ready for advertisement in 2008. The Town is concerned that the Cox Street Bridge is not listed in the TIP despite being at 100%, having a posted weight restriction, and being adjacent to the Town's DPW, Transfer Station, Elementary School, and new Fire Station headquarters. The Town appreciates the programming of the Houghton Street Bridge project in fiscal year 2007. The Town also supports the I-490/I-290 Interchange Project. Hudson and Marlborough are gratetful to the MPO for its ongoing support of the Assabet Rail Trail, Phase 1 will open on September 24, 2005.	The Route 85, Washington Street project will be considered in the development of the fiscal years 2007-2011 TIP. The Cox Street Bridge and the I-490/I-290 Interchange Project is not programmed in the TIP. The Houghton Street Bridge is programmed in FY 2007.
7/26/2005	Taber Keally, Chair	Three Rivers Interlocal Council	Supports the programming of several projects in the TRIC area including two programmed projects: Bullard Street Bridge in Walpole and the Route 128 Transportation Improvement Project.	The Bullard Street Bridge in Walpole is programmed in fiscal year 2007 and the Route 128 Transportation Improvement Project is programmed in each year of the TIP.
7/26/2005	Donald DiMartino	Town of Bellingham	Requests the Pulaski Boulevard Project be programmed in fiscal year 2007.	The project is not programmed.
7/26/2005	Richard Canale, Chairman	Minuteman Advisory Group on Interlocal Coordination	Supports the programming of the Assabet River Rail Trail and the Bruce Freeman Memorial Bicycle Path in the Draft TIP.	Both projects are programmed in fiscal year 2008.
7/26/2005	Honorable John Curran, Mayor	City of Woburn	Requests the programming of the New Boston Street Bridge, included the Alternatives Assessment for the New Boston Street over MBTA Commuter Rail Bridge Reconstruction Project prepared by VHB, September 2004	The project is not programmed.
8/5/2005	Sharon Transportation Advisory Board	Town of Sharon	Requests the prioritzation of accessibility improvements for the platforms at the Sharon Commuter Rail Station, and a review of the PMT criteria used to determine its priority.	The MBTA's Key Station Plan identifies priority stations that will be upgraded to be fully ADA accessible. The Program for Mass Transportation criteria were used to develop the Key Station Plan with the Federal Transit Administration. When the stations prioritized in the Key Station plan are upgraded, then the remaining stations will be prioritized through the Capital Investment Program process, which informs the TIP. The two commuter rail stations mentioned in your letter that received a higher priority did so due to their interconnectivity to other parts of the system; Rockport Station was also give a higher priority because it is a terminal location.
8/8/2005	Honorable Joseph Curtatone, Mayor	City of Somerville	Update on the status of project in the City of Somerville, including Somerville Avenue, Beacon Street, Magoun Square, the Cross Street Bridge, Somerville Community Path Phase I, Bicycle Facility Improvements and the Improving the Region's Bicycle Parking Infrastructure Program.	Bicycle Facility Improvements are programmed in fiscal year 2006; Beacon Street and the Community Path are programmed in fiscal year 2007

Public Comments

Date	Name	Affiliation	Comment	MPO Action
8/5/2005	William E. Hanson, Chair	Framingham Bicycle and Pedestrian Advisory Committee	Express strong support for Improving the Region's Bicycle Parking Infrastructure Program.	Funds are programmed in fiscal years 2006, 2007, and 2008
8/8/2005		Town of Wellesley	Requests the programming of the Rockland Street Bridge in FY 2006	The Rockland Street Bridge is programmed in FY 2007
Public Workshop Comments and Questions				
Boston - July 14	Chris Porter	MassBike Coalition	Asked about TIP criteria process and specifically about bicycle projects in the TIP. Supports both the path projects and the bike parking projects at the MBTA (2005) and in communities (2006 and beyond). The Bike to the Sea project is not in the TIP, and people have been working on it (slowly) for many years. Wondered what the nature of the delays might be.	The Bike to the Sea Project is not programmed in the TIP.
Woburn - July 19	Michelle Ciccolo	Town of Hudson	Questioned the status of the Cox Street Bridge in the TIP. It is weight restricted and located near a fire station and school. The bridge can't carry the weight of the new fire truck. Appreciates the inclusion of the Assabet River Rail Trail in FY 2008 in the TIP. Hudson will work to ensure design is completed in time.	The Cox Street Bridge is not programmed in the TIP.
Woburn - July 19	Trish Domigan	VHB	Why aren't DCR projects in the TIP?	DCR projects can, and in the past have, been programmed in the TIP.
Woburn - July 19	Ed Tarrello	City of Woburn	The New Boston Street Bridge or any bridges are not shown in the Universe of Projects (Supplemental List) in the TIP. What happened to them?	The MassHighway is responsible for providing a comprehensive and systematic review of the condition of MassHighway and municipally owned bridges, determining the type of work that is required for each, prioritizing the work and design or assignment of design to consultants. MassHighway manages the funding prioritization of the Bridge Program on a statewide level and make recommendations to the MPO about programming of bridges in each fiscal year.
Lynn - July 20	Jackie LaZure	City of Lynn	Can more Lynn projects be programmed? Suggests the Route 129/Lynnfield St. and Broadway projects, which would improve the road, add left turn lanes and bike lanes.	The Route 129/Lynnfield St. and Broadway projects are not programmed in the TIP.
Lynn - July 20	Philip Randazzo	Town of Saugus	The Route 1/Walnut Street Interchange is the town's top priority. Thank you for including it in the TIP.	The Route 1/Walnut Street Project is programmed in fiscal year 2006,
Lynn - July 20	Jim Treadwell	Alliance of Salem Neighborhood Associations	Should the Salem-Beverly Bridge Street project be added to the TIP, since it is so near the Intermodal Facility? Why isn't it advancing? This is a priority for Salem. Regarding the Bridge St. Bypass Road, it is listed in the TIP for $9 million, there was an amendment to adjust the cost to $12 million, and it was advertised for $15 million. Will there be an amendment to the FY 05 TIP to reflect this? There are Enhancement projects in the FY 2004 – 2008 TIP for Salem (Causeway Park and the Beverly Walkway) that are required mitigation (Chapter 91 conditions) for the Bypass Road project. Where are they? Why aren't they in the TIP? They must be implemented. Project #602514 and #005402	The Salem--Bridge Street project is programmed in fiscal year 2007, there is a sequence of projects that must occur: this project will be started when the Bridge Street Bypass Road construction is completed. The Beverly Bikeway project is listed in the supplemental list of the fiscal years 2004-2008 TIP for $246,000 for design and construction--It is listed in the Universe of Projects in the draft fiscal years 2006-2010 TIP for the same amount. The Route 1A Bridge and Walkway on Beverly Harborfront Project was incorrectly listed as a bridge project, and will be listed with in the Universe of Projects in the final fiscal year 2006-2010 TIP.

Public Comments

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Quincy - July 25	Rick Bryant	Rizzo Associates	Explained the Quinicy/Burgin Parkway project design and history. Traffic congestion is a chronic problem in the project area. The project will relieve congestion in this key intersection, (creates other routes for expressway-bound vehicles) backups in other areas of the city, on the ramp from Route 3 and to and from Route I-93, and improve access to the MBTA Quincy Adams station. It also supports the commonwealth's first-to-be-approved District Improvement Financing program (Downtown Quincy). The entire region will benefit.	The Quincy/Burgin Parkway project is included in the FY 2006 annual element of the Draft FY 2006 - 2010 TIP.
Quincy - July 25	Jack Gillon	Traffic Engineering, Norfolk County (formerly Director of Traffic Depts. for Brookline, Boston, Quincy)	Project has been in the making since 1990. Important to everyone in Quincy and the region. Will greatly improve safety by relieving back-ups onto the expressways. stop diversions to residential streets. Should be funded under CMAQ as it reduces delays, queuing, and idling.	The Quincy/Burgin Parkway project is included in the Draft FY 2006 annual element of the Draft FY 2006 - 2010 TIP.
Quincy - July 25	Steve O'Donnell	DPW Commissioner, Quincy	Thanks the MPO. The City is very pleased to have the Burgin Parkway project in the TIP. Location is one of most hazardous in the City. Project is a good example of public/private partnership as the design and right-of-way privately funded and City will be responsible for maintenance. Also requests support in 2007 for the Quincy Center Concourse Phase II. Part of the District Improvement Financing and have PWED monies.	The Quincy/Burgin Parkway project is included in the FY 2006 annual element of the FY 2006 - 2010 TIP. The Quincy Center Concourse Phase II is not programmed.
Quincy - July 25	Dennis Harrington	Director of Planning, Quincy	Appreciate that MPO has included in Draft TIP. Is key to the city's future development. Relieves gridlock and improves access at MBTA station, manages traffic from Crown Colony, and links to Quincy Center Concourse Phase II and planning for redevelopment of downtown Quincy where there will be mixed use development and 1000 units of new residential development.	The Quincy/Burgin Parkway project is included in the Draft FY 2006 annual element of the Draft FY 2006 - 2010 TIP.
Quincy - July 25	Dave Murphy	Mayor Phelan's Office	Appreciates MPO consideration of the Burgin Parkway project. It is very important to Quincy.	The Quincy/Burgin Parkway project is included in the Draft FY 2006 annual element of the Draft FY 2006 - 2010 TIP.
Quincy - July 25	Charles Costello	Administrator, Town of Hingham	Thanks the MPO for including the Hingham/Route 228 Phase II project in the 2007 TIP. This is important to the region as it carries over 20,000 vehicles/day. Will link the Phase I and the Queen Anne's Corner projects.	The Hingham/Route 228 Phase II project is included in the FY 2007 annual element of the Draft FY 2006 - 2010 TIP.